HIGHER EDUCATION
IN
THE UNITED KINGDOM

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A HANDBOOK FOR STUDENTS FROM OVERSEAS

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FOREWORD

by SIR PHILIP MORRIS, O.B.E., M.A., LL.D

Vice-Chancellor of the University of Bristol, Vice-Chairman of the Association of Universities of the British Commonwealth and Vice-Chairman of the British Council.

THIS HANDBOOK is a co-operative effort of the British Council and the Association of Universities of the British Commonwealth both of whom are anxious to encourage the movement of students from overseas to this country and to be of every possible assistance to them while they are here.

Its aim is to give a general conspectus of facilities for higher education. In addition there is information about admission requirements, costs of residence and study degree courses, student welfare and social and recreational facilities and there is in the directory a unique source of quickly accessible information. It is not possible to give all the particular information that a student will require but it should enable him quickly to ascertain where he can find out what he wants to know and to whom he should apply for specific information.

The opportunities for study and research in the United Kingdom are many and varied and no student from overseas should be discouraged by the varying details about procedure and entrance requirements. Each university is autonomous and has the right to admit its own students for this reason there are no common curricula or identical entrance requirements.

Half a century ago a student from overseas would naturally look to Oxford, Cambridge or London for facilities. In the circumstances as they now exist, the facilities available at other universities are also worthy of his consideration.

Although the autonomy of universities necessarily results in complexity which adds to the difficulties of overseas students there is one thing which all the universities of the United Kingdom have in common. At each of them there is a warm welcome awaiting suitable students who have the necessary

enthusiasm, if there are facilities available to meet their needs. It should, however be remembered that there is still considerable pressure upon the available facilities at universities and colleges and that the possession of a minimum entrance requirement is not in itself a guarantee that a place is available.

It is necessary to give some words of warning All applications to universities or colleges should be made well in advance and no student from overseas should embark upon his journey without having previously obtained a definite offer of a place. Intending students must also take care to assure themselves that they have the financial resources to undertake not only their courses of study but also to reside in the country during vacations. Further those whose native tongue is not English are reminded that English is the language of instruction and that an adequate command of the language is essential if full value is to be obtained from their studies here.

The publication of this Handbook would have been impossible except for the assistance, willingly given, of many individuals and departments and institutions. They cannot all be individually mentioned but I am asked, on behalf both of the British Council and of the Association of Universities of the British Commonwealth, to express thanks to the administrative officers of universities and colleges, to the Ministry of Education and the Scottish Education Department and to many others who have given indispensable assistance. I would like on my own account to add my commendation of the efforts of the officers of the two bodies responsible for the Handbook without whose arduous and unremitting efforts this Handbook could not have been published in its present form.

CONTENTS

ADDRESSES

APPENDIX

INTRODUCTION

OVERSEAS STUDENTS who contemplate a period of study in this country should bear in mind what has already been stressed in the Foreword, namely that the demand for places in United Kingdom universities and to a lesser degree in technical colleges and other centres of higher education, is much greater than the number of vacancies. There is great pressure on accommodation in undergraduate courses, particularly in Medical Schools. Admission is normally granted on a competitive basis and the mention of a course in this handbook should not be taken to imply that places are necessarily available for all applicants who satisfy the minimum entrance requirements.

It is most important, therefore, that students should not leave their home country before securing definite promises of admission to the institutions in which they wish to study

Students are warned that the information in this handbook is liable to become quickly out of date, and where necessary it should be verified by direct application to the universities or other institutions concerned, or by reference to their current publications.

The calendars, faculty prospectuses and other publications of the individual universities and the prospectuses of other institutions of higher education give detailed official information about the facilities available and entrance requirements Copies of these may normally be consulted at British Council offices.

For fuller information about the United Kingdom universities than is contained in this handbook reference should be made to the *Commonwealth Universities Yearbook*, published annually by the Association of Universities of the British Commonwealth

Those wishing to make a more general study of higher education in Britain may find the following publications of interest *First Year at the University* by Bruce Truscot, published by Faber and F ber 1946, f

British Universities by Sir Ernest Barker published for the British Council by Longmans, Green and Co., 1949, 1s. *The British Universities* by Sir Charles Grant Robertson, published by Methuen, 194[illegible] (o.p.) *British Universities* by S. C. Roberts, published by Collins, 1947 (o.p.) *The Technical College* by W. H. Richardson, published by Oxford University Press, 1939, (o.p.)

UNIVERSITIES IN THE UNITED KINGDOM

by SIR JAMES MOUNTFORD D.LITT D.C.L. LL.D

Vice-Chancellor of the University of Liverpool and Chairman of the Universities Advisory Committee of the British Council.

THE BRITISH UNIVERSITIES do not conform to a single pattern. They came into being at a number of different epochs in response to the needs of different social and economic environments and since no external authority has ever attempted to impose upon them an artificial uniformity each has its own individuality and reflects its own history and evolution.

The two medieval foundations of Oxford and Cambridge trace their origins to guilds of teachers who established themselves in the twelfth century beside the Thames and the Cam. Quite early in the history of these universities, pious benefactors founded colleges for needy students and there emerged a collegiate system which is still the outstanding characteristic of Oxford and Cambridge. Although it is the universities themselves which grant degrees and lay down the conditions under which they shall be awarded, although the professors and many lecturers are university officers, and although the great libraries and most of the scientific laboratories are provided and maintained by the universities the focus of academic life at Oxford and Cambridge lies in the colleges. Normally it is only by being a member of a college that a student becomes a member of the university During some part at least of his university course he resides in college he dines regularly in the college hall the voluntary daily services in the college chapel foster his religious devotions and the junior common room is a centre for a corporate social life. Each student is in close contact with the senior members of his college who guide his studies and the private 'tutorials which he attends in college are a very important element in his education.

Appreciably younger than Oxford and Cambridge are the three universities which were founded in Scotland before the Reformation St. Andrews in 1411 Glasgow in 1451 and Aberdeen in 1494. The fourth Scottish university was established in Edinburgh by the Town Council in 1583 University College (now incorporated in Queen's College) Dundee, was founded in 1881 and is now an integral part of the University of St. Andrews. The Scottish universities did not develop a collegiate system of the Oxford type, but are organized on a basis very similar to that of the universities in the large industrial cities of England

For five hundred years Oxford and Cambridge were the only universities in England and it was not until 1826 that another institution for university education was founded This was University College, London which was established in part to provide a place of higher learning for those who did not belong to the Established Church. Three years later King's College, London, was founded under Church auspices. Neither of these colleges had the power to grant degrees but in 1836 the newly founded University of London was empowered to grant degrees to their students. During the last century other institutions situated in or near to the capital city have also become federated within this university which now embraces a great variety of educational organizations, including more than a dozen medical schools. The university itself is mainly a co-ordinating and examining body and most of the teaching is provided by the constituent institutions but taken as a whole, the University of London is the largest in the country No mention of London would be complete without a reference to its external degrees which are taken by many students who pursue their studies in their spare time or in institutions which do not grant degrees of their own. These external degrees have played a very important part in the history of higher education during the last hundred years not only at home but overseas.

In 1832 a university was founded on the initiative of the Cathedral authorities in the city of Durham and from the first it has been based on a collegiate system very similar to that of Oxford and Cambridge. King's College in Newcastle upon Tyne, which was founded in 1871 is a part of the University of Durham.

The establishment during the second half of the nineteenth century of institutions of university rank in the large centres of population in the United Kingdom is a fascinating story of which only the merest outline can be given here. In some instances it was the generosity of a single enlightened benefactor in others the corporate activity of the local community which brought these newer institutions into existence. They were called university colleges and their purpose was to provide opportunities for higher education at a university level for the young men and women living in their immediate neighbourhoods. They had no power to grant degrees and their students took the examinations for the external degrees of London. In 1880 however the right to confer degrees was given by charter to a newly created entity called the Victoria University which, although in itself little more than an examining body had Owens College in Manchester as its effective teaching constituent. During the next decade the colleges at Liverpool and Leeds became federated along with Manchester in the Victoria University

The university colleges supplied a growing need they attracted to their service many men of eminence in scholarship and science their prestige grew and their financial security was ensured by the gifts of private persons and by support from local revenues. In the early years of this century therefore, the larger colleges were granted charters and became universities in their own right. Manchester remained as the sole constituent of the Victoria University Birmingham became a full university in 1900, Liverpool in 1903 Leeds in 1904, Sheffield in 1905 Belfast in 1908 Bristol in 1909, and Reading in 1926 Nottingham received a charter in 1948, Southampton in 1952 and Hull in 1954 The university colleges founded in Exeter (1901) and Leicester (1918) have not yet attained full university status, and their students take the external degrees of London The most recent foundation is the University College of North Staffordshire at Keele, near Stoke-on-Trent (1949) which under special provisions awards its own degree of B.A.

In Wales the three colleges which had already been established at Aberystwyth (1872) Cardiff (1883) and Bangor (1885) became federated into the University of Wales in 1893

In 1920 a new college at Swansea and in 1931 the Welsh School of Medicine at Cardiff were incorporated within the university

The newer or civic universities in the large cities like those of Scotland, do not have a system of collegiate life such as is found at Oxford Cambridge and Durham. Taking them as a whole, nearly 33 per cent. of their full time students live sufficiently near to travel daily from their homes to the university and 40 per cent. live in lodgings for which in general they make their own arrangements. For the remaining 27 per cent., however halls of residence are provided by the university and controlled by a warden who is usually a member of the academic staff. The focus of academic life is the university itself. Much of the instruction at the undergraduate level is given in formal lectures and classes, but there is also a considerable and growing amount of tutorial assistance given individually or to small groups by the professors and lecturers of the university

The role which is played by the colleges at Oxford, Cambridge and Durham in providing a place for the informal contacts of students with each other and for social life, is played in the other universities by the Student Unions or Guilds to which almost every student belongs. At the Union he can obtain at least a midday meal and there he attends the meetings of the various literary political or religious societies in which he is interested. Under the broad general supervision of the university the students are entrusted with the full management of their Unions.

According to the latest available figures the numbers of full-time students in universities and university colleges are as follows Oxford 6,878 Cambridge, 7 839 London, 18 199 all other universities and colleges in England, 29,719 Scotland, 14,218 and Wales, 4,621 Of this total of 81,474 students, 11 657 are working for postgraduate degrees or diplomas or otherwise engaged in research. Of all students rather less than a quarter are women, but the proportions differ considerably from faculty to faculty women forming one third of the arts faculty but only a negligible fraction in technology At Oxford and Cambridge the number of women 1,079 and 710

respectively is determined by the places available in the small number of women's colleges. *In most universities there is a fixed quota of women admitted to study medicine.*

The courses of study which the universities provide are broadly classified as arts, pure science, medicine, and technology. The arts faculties, which contain 45 per cent. of the students, have a very wide scope and include departments and schools of classics, philosophy, divinity, history, modern languages and literatures, law, economics, geography, social science, and commerce. In some universities, however, some of these fields of study, such as divinity, law and economics, are organized as separate faculties. The faculties of science embrace physics, chemistry, botany, zoology, and other disciplines. They account for 21 per cent. of the student body, while medicine with dentistry and veterinary science and agriculture account for 24 per cent. It is often a cause of surprise that in an industrial country like Great Britain only 12 per cent. of the students in universities should be pursuing studies in technology, but it must be remembered that much technological training is given at an advanced level in institutions which are not classed as universities.

The British universities are noteworthy for their relations with the State. Neither the Ministry of Education nor any other Government Department has any jurisdiction within any of them or control over them. They are entirely autonomous in government and administration; they establish their own courses of study, award their own degrees according to their own regulations, admit what students they consider it right for them to admit, and appoint all professors and lecturers absolutely at their own discretion.

This autonomy is all the more remarkable in view of the financial aid which universities receive from the State. Before 1914 they derived most of their income from endowments, from the fees paid by their students, and in some cases from contributions made from local revenues. Since 1919, and especially since 1945, the amount of financial help given by the State has increased enormously until at the present time between two-thirds and three-quarters of the annual recurrent expenditure of universities comes from the Treasury. In addi

tion the cost of most of the new university buildings erected since 1945 has been borne by the State.

An outside observer might have expected that this increase in Treasury assistance would have been accompanied by some appreciable measure of governmental control over universities. There are three reasons why no such thing has happened or seems likely to happen. In the first place the concept of university freedom is firmly entrenched in public opinion in the second place there is a well-established relationship of confidence between the universities and the Government and thirdly there is a mechanism for the allocation of grants which works with admirable smoothness and efficiency Grants to the universities are not made directly by the Treasury to each individual institution but are allocated out of a block sum voted by Parliament and administered by a body known as the University Grants Committee. This committee consists of persons of very high academic distinction and experience who have an intimate knowledge of the problems and needs of the universities on the one hand and a strong sense of their responsibilities to Parliament on the other The members of this committee visit each university from time to time and consider carefully prepared estimates of its needs. Every five years the committee announces what allocation it judges each university should have for the ensuing quinquennium and having made its allocation it leaves it to the university to expend its grant in the way which seems best to the university For their part the universities are conscious of the obligations which they owe to the community as a whole and as was evident immediately after the 1939–45 war when they were asked to increase their intake of students they are energetic in making the kind of contribution to the general well being which is appropriate to their resources and functions.

In recent years a great change has also taken place in the financial provision made for university students. The universities themselves have increased the number of undergraduate and postgraduate scholarships which they award in addition to providing annually over 2,000 State Scholarships itself the Ministry of Education also supplements the university scholarships and Local Authorities provide well over 9 000

scholarships and other minor awards each year Though the maximum value of most of these awards is fixed, the actual amount received by the individual student is related to the resources of his family At one end of the scale, a student from a prosperous home may get little or no financial benefit from his scholarship but at the other end of the scale, a poor student obtains the payment of his fees and an adequate amount for personal maintenance, no matter whether he continues to live at home or goes away to a university in another town. More than 70 per cent. of the students are now in receipt of some financial help, principally from one or other of these sources and no student of real promise and ability is deprived of a university education through lack of financial support

One result of this financial pattern is that there is now much more mobility in the student body than formerly Pupils from schools in Birmingham or Sheffield can now afford to go to Oxford or Cambridge or London or Edinburgh, and many of them do so. Conversely the civic universities now draw a much larger proportion of their students from outside their own area. It is customary now for students to apply for admission to several universities and though they cannot all be accepted by the university of their first choice, there is no reason to suppose that any promising student fails to secure admission somewhere.

TECHNICAL COLLEGES IN THE UNITED KINGDOM

by J. C. JONES, O.B.E., B.SC., A.M.I.C.E., M.I.MECH.E.

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THE DISTINCTIVE TASK of the technical college as it is known in Great Britain is to provide for the further education and training of young people who have left school to enter the worlds of industry and commerce. For the majority attendance at the technical college is voluntary and involves the sacrifice of two or three evenings per week throughout the period of apprenticeship or training and in some cases, even longer. For the few opportunities are given to attend during the day-time for periods varying from one day in each week to six months in each year.

The nature of the work undertaken in the technical college is necessarily determined by the needs of industry and commerce and may range from elementary instruction in a particular trade or craft to professional education at university level. It is this latter aspect of its work which students from abroad find difficult to appreciate since Great Britain differs from most other countries in providing opportunities for the apprentice as well as for the university student to reach full professional status.

A further point of difference which influences the pattern of the work of a technical college is that few positions in the worlds of industry and commerce demand formal evidence of education and training. Thus an apprentice can achieve the rank of journeyman (that is, become a wage-earning mechanic or artisan) without the passing of a trade or craft examination although his further progress may be hampered by the lack of the appropriate certificate or other qualification. As a direct result, the young apprentice without ambition stays away from

the technical college while his more ambitious colleague tends to favour the professional course rather than the more practical trade or craft course.

Nevertheless, some 100 000 students present themselves voluntarily each year for the examinations of the City and Guilds of London Institute. This body which has its roots in the craft and merchant guilds of the Middle Ages, has done much to preserve the standard of craft skills throughout Great Britain and the rest of the Commonwealth. Similarly the Royal Society of Arts holds examinations for a like number of students following courses in the arts and skills appropriate to commercial undertakings.

For the professionally minded student, more concerned with the principles underlying the techniques of an industry or commerce than with the arts and skills of a particular craft or trade, Great Britain has devised the National Certificate system under which technical colleges approved in respect of staffing, equipment, and accommodation, prepare and examine in syllabuses based on local needs. The course normally extends over a period of five years during which attendance is required on three evenings per week. The standard of the examinations is subject to the approval of external assessors at the end of the third and fifth years when Ordinary and Higher National Certificates are awarded to successful students.

National Certificates are available in a wide range of subjects including civil, mechanical, and electrical engineering, building, chemistry applied physics, and commerce. Their particular advantage lies in the association of locally devised syllabuses and examinations with national recognition by the Departments of Education and the professional institution primarily concerned with the subject studied Thus, the Institution of Mechanical Engineers recognizes the National Certificate in mechanical engineering as exempting from a major part of its own examinations for admission to corporate membership the professional hall-mark in this branch of engineering

Naturally the range of subjects which can be covered in a five year evening course is limited and students wishing to secure a greater measure of exemption from professional examinations may undertake further studies by continued

attendance for one or more years. Alternatively they may embark upon management studies offering preparation for the higher administrative posts which they may hope to occupy in later years.

Reference has already been made to the release accorded to apprentices and others for attendance at day classes for periods of up to six months in each year. Sandwich courses of this type have demanded high standards of staffing, equipment, and accommodation and have almost inevitably led to the introduction of full time courses of three, four or more years' duration. This development constitutes a departure from the traditional role of the technical college since students taking these courses enter from the secondary school and are no longer works-based. In some cases students prepare for the degree examinations of London and other universities, and in others for National Diplomas awarded on much the same lines as the National Certificates previously described or college diplomas or associateships.

The thirty or so technical colleges which have built up a considerable volume of full-time day work at this level also make provision for the conduct of industrial research and offer post-graduate courses designed to keep engineers, designers, and others fully abreast of recent developments. Their work is comparable with that of the technological faculties of a university but is distinguished by the more practical method of approach better suited to the student possessing workshop or office experience. This difference of approach is emphasized by the generous use of part-time teachers who give specialist lectures on one or two half-days or evenings per week and are normally employed within industry, and by the selection of full-time teachers with considerable industrial or commercial experience.

Generally speaking, technical education is organized on a regional basis, each region possessing one or more major institutions of the type just described. Smaller institutions within the region provide local facilities up to an intermediate level and their students must then pass to the regional colleges for advanced instruction. There are, however, a number of specialized subjects for which even the region is insufficiently

large to justify the cost of the laboratories and equipment involved and for such national colleges have been evolved aeronautics, horology foundry work, food technology heating and ventilation, and rubber technology are some of the subjects so dealt with. In certain cases these national colleges are separately housed, in others they are associated with a particular regional college.

In all three types of college 'local regional' and national formal technical studies may be supplemented by membership of athletic or social clubs and societies offering opportunity for participation in such diverse activities as debate and ballet appreciation on the one hand, or football, fencing, and rowing on the other In a few of the colleges residential facilities are available, but in most the student from abroad is accommodated in registered lodgings.

Finally a few words concerning the number and size of our technical colleges and the manner in which they are governed. If we restrict our consideration to those institutions which have full-time as well as part-time staff and offer industrial and commercial courses up to a standard normally requiring evening or part-time day attendance for at least three years beyond the age of sixteen, then the number of technical colleges so recognized is of the order of two hundred. The smallest of these would have a student roll of only a few hundreds while the very largest has some 2,000 full time students and 12 000 part time students none of the thirty or so regional colleges would be likely to enrol less than 5,000 students.

The majority of the two hundred colleges are 'maintained that is to say they have been established by a County or Borough Council, the Education Committee of which is responsible for their government. In many cases a special Governing Body has been established with representation from Industry commerce, and the professions, but such a body *is often* a sub-committee of the originating Education Committee to which its decisions must be referred. In a few instances, notably the London Polytechnics, the colleges are aided' rather than maintained and enjoy an autonomy approaching that of the universities. The increasing cost of technical education is such, however that the burden of further

development is falling very heavily upon County and Borough Councils and it is not improbable that a changed structure may result, particularly in so far as the regional colleges are concerned.

In Scotland the regional technical colleges (known as central institutions) are managed by independent bodies of governors which receive direct grants from public funds and one of them, the Royal Technical College, Glasgow has since 1919 been included in the list of universities and colleges which receive assistance from the Exchequer through the University Grants Committee.

Having in mind the likely requirements of students from abroad emphasis has here been given to available facilities for studies related to the needs of industry and commerce but it would be less than just if reference were not made to the provision in most technical colleges for non-vocational as well as vocational studies. These include art, music, literature, handicrafts, modern languages, home economics, civics, and the like. The British technical college thus offers ample opportunity for establishing contact with a wide cross-section of the national life.

GENERAL INFORMATION

DEGREES

NATIONAL DIPLOMAS AND OTHER NON-UNIVERSITY QUALIFICATIONS

ACADEMIC YEAR

UNIVERSITY ADMISSION

UNIVERSITY RESIDENCE

COST OF STUDY AND RESIDENCE

SCHOLARSHIPS

STUDENT WELFARE

RESIDENTIAL COLLEGES FOR ADULT EDUCATION

TEACHER TRAINING

SHORT TERM RESIDENTIAL COLLEGES

WITH RARE EXCEPTIONS only universities grant degrees. Other institutions may award diplomas or certificates and a number including the University Colleges of Exeter and Leicester and certain technical colleges prepare students for the external degrees of the University of London Universities also offer diplomas in such subjects as Education, Public Health, Public Administration and Social Studies diplomas are normally awarded after a period of postgraduate study but some for which a degree is not a normal pre-requisite, may be obtained following a prescribed period of one to three years study after matriculation.

The period of study ordinarily required for a first (Bachelor's) degree in Arts or Science is three full academic years, in other faculties three to six. Courses leading to the award of certificates or diplomas are normally of one or more years duration In examinations written papers play a much greater part than oral tests Attendance at the institution granting the degree, diploma or certificate is required, except by the University of London, which grants external as well as internal degrees. For an external degree students are examined by the University of London but are free to study privately or to follow a course of instruction in London or elsewhere.

The varied history of universities in the United Kingdom has resulted in a variety of practice which is most difficult for the uninitiated to understand In the first place there are differences of nomenclature which appear in the letters representing the various degrees. It is most important to appreciate that, *for example* the letters M.A. (Master of Arts) may represent several standards of academic attainment. In Scot land they denote the first degree and correspond to the B.A. (Bachelor of Arts) in a university in England or Wales In Oxford and Cambridge the M.A. has no academic superiority over the B A. as any B.A. after a set lapse of time may become an M.A. on payment of a fee. At the younger universities the M.A. is ordinarily awarded to holders of the B.A. degree only

after a prescribed period of study followed by an examination or thesis, or both. To take another example, the degree of bachelor is usually a first degree and B.A. always is. But B.Sc. (Bachelor of Science) at Oxford is a higher degree and all candidates must already be Bachelors of Arts.

In the assessment of the value of a degree, and therefore of the academic qualities of a graduate, it is not easy for those unfamiliar with the details of this complex system to appreciate the full meaning of the letters after a man's name. Any system of recognition that lays down a rigid assessment by the various steps of Bachelor Master and Doctor may go widely astray

First degree courses are of two main kinds those in which the student specializes with some intensity and those which enable him to spread his studies over a wider field but less intensively In the latter there is always some correlation of subjects so that collectively they constitute a unified discipline. Universities describe these two types of courses by different names formerly the intensive kind was usually called an *Honours* degree and the other kind a *Pass* or *Ordinary* degree. These terms are still used but alternatively in some universities they are called *Special* and *General* degrees Special degrees usually being awarded with Honours, and in some universities General degrees also. It should be noted that, while the award of a degree with Honours normally implies that separate, or additional courses from those for the Ordinary or Pass degree have been followed this is not necessarily so in the Faculty of Medicine or of Science, for example, it may denote solely that special merit has been displayed at the final examination.

Among the titles of first degrees awarded (other than the B.A. and B.Sc.) are B.Agr B.Arch., B.Com., B.D., B.D.S., B.Eng., B.Met. B.Pharm., B.Vet.Med LL.B., and M.B., Ch.B. (for the more comprehensive list see pp 124–25 where the expanded form of each title is also given)

The whole apparatus of degrees is so complex that prospective students should study it in relation to their own needs in consultation with those who are expert in its intricacies, or by reference to the officers or handbook of the university concerned.

If there are adequate facilities available, it is generally

advisable for an overseas student to take his first degree in his own country before he proceeds to a university in the United Kingdom. He may then be exempted from part of the course for a first degree in that university or, if his qualifications are satisfactory, he may be admitted to a course of study for a higher degree. In many cases the student from abroad, even if he has graduated at home, will benefit more from taking a first degree in a United Kingdom university than from proceeding to a higher degree.

HIGHER DEGREES

A graduate wishing to work for a higher degree usually has considerable freedom in the selection of his subject and field of research. For a Mastership in Arts (except at Oxford and Cambridge, and in Scotland where the M.A. is the first degree) a period for one or two years after graduation is a general requirement. The Mastership in Science (M.Sc.) is not conferred by Oxford or by the Scottish universities; at other universities the M.Sc. is awarded on conditions similar to those for the M.A. degree.

Among the titles of Master's degree awarded (other than the M.A. and M.Sc.) are: M.Agr., M.Arch., M.C.D., M.Com., M.Ed., M.Eng., M.Litt., M.Met., M.Tech.

The degree of Doctor of Philosophy, denoted generally as Ph.D. (at Oxford, D.Phil.) is conferred by each of the universities of the United Kingdom. It is granted in any faculty in which the university is prepared to receive advanced students. Candidates must be university graduates who can produce evidence of fitness for the proposed course of study or research and whom the university is willing to accept. The course extends over two or three years. At its termination the student must submit a dissertation and may be required also to undergo an examination.

The following Bachelor's degrees are normally awarded only for advanced study or research: B.Sc. (Oxford), B.Litt. (Oxford, Glasgow and St. Andrews) and B.Phil. (Oxford and St. Andrews). The Bachelor's degree in Education (Ed.B. or B.Ed.) is granted two years after a first degree by the Scottish universities and by the Queen's University of Belfast.

The Doctorate in Letters or in Science or in other related fields (D.Litt., D.Lit. Litt.D., D.Sc. Sc.D D.Sc. (Econ) D Sc. (Eng.) D Eng D Met. D.Sc.Tech., D Tech) is normally conferred upon Masters of Arts or Science or Doctors of Philosophy distinguished by outstanding contributions to the advancement of learning or science. The claim to the degree must be based either upon a special thesis or upon published works. Most universities also award a Doctorate of Medicine (M.D) and some award Doctorates in Laws, Divinity and Music (LL.D D C.L., D.D D.Mus. Mus.D., Mus.Doc.)

NATIONAL DIPLOMAS AND OTHER NON UNIVERSITY QUALIFICATIONS

Technology

THE MINISTRY OF EDUCATION the Scottish Education Department and the Ministry of Education in Northern Ireland have made arrangements with certain professional bodies for the award of National Diplomas and National Certificates in a number of subjects. Each scheme is administered by a joint committee representative of the department and the professional body e.g the National Diploma in Mechanical Engineering is, in England and Wales, administered by a joint committee of the Ministry of Education and the Institution of Mechanical Engineers.

The Diplomas are awarded for the successful completion of full-time courses, and the Certificates for the successful completion of part-time courses. Diplomas and Certificates are of two grades — Ordinary and Higher The Higher courses aim at reaching the standard of University degree work in the subjects chosen

National Certificates are awarded in the following subjects Mechanical Engineering Chemistry and Applied Chemistry Electrical Engineering Naval Architecture, Building Textiles, Commerce, Production Engineering, Civil Engineering (including Gas Engineering) Applied Physics, Metallurgy Chemical Engineering, and Mining and National Diplomas in Mechanical and Electrical Engineering and Building There are also National and Higher National Bakery Diplomas (not

in Scotland) the Diploma and Intermediate Certificate in Management Studies, the National Craftsman's Certificate for a Motor Vehicle Service Mechanic and the National Retail Distribution Certificate.

Many technical colleges award an internal diploma, or grant a college associateship.

Art

THE MINISTRY OF EDUCATION and the Ministry of Education in Northern Ireland award certificates and diplomas in Art. These are the Intermediate Certificate in Art and Crafts which is normally taken at the end of a two-year full time course of study in an approved institution, and the National Diploma in Design which may be taken at the end of two years full-time study from the award of the Intermediate Certificate, or in certain cases, at the end of three years' full-time study without the Intermediate Certificate. Intending teachers of art who hold the Intermediate Certificate and the National Diploma in Design as well as an acceptable qualification in general education may then take a year's course of professional training in teaching leading to an Art Teacher's Diploma or Certificate.

The Overseas Certificate in Art and Crafts which records satisfactory attendance of an overseas student at an art school in England or Wales may be awarded at the end of a two-year course of study.

In Scotland regional art colleges provide full-time courses of four years' duration which lead to a diploma awarded by the colleges with the approval of the Scottish Education Department. The holder of a diploma may take a two-term course of professional training in teaching and be recognized as a qualified teacher of Art.

Awards by Professional Bodies

Many professional bodies hold their own examinations and make their own awards. These may be Licentiateship, Associate Membership, Graduateship or Fellowship. Details vary from one body to another and those interested should apply for a

copy of the regulations. The addresses of some of the more widely known institutions will be found on pp 148–53

Some bodies are willing to arrange for their examinations to be taken overseas. Details may be obtained from the British Council Representative or the British Consulate.

ACADEMIC YEAR

AT UNIVERSITIES the academic year or session is divided into three terms of eight to ten weeks each. The first term runs from the beginning of October to the middle of December the second from mid-January to about the end of March and the third from about the end of April to the end of June or the beginning of July The term at technical colleges is usually longer than the university term.

UNIVERSITY ADMISSION

Admission is normally granted on a competitive basis and the mention of a course in this handbook should not be taken to imply that vacant places are necessarily available for all applicants who satisfy the minimum entrance requirements

ONE OF THE DIFFICULTIES arising from the autonomy of universities in the United Kingdom is the variety of regulations governing entry Some indication of these admission requirements, in so far as they are most likely to affect students from other countries who wish to read for first degrees, is given in the summary in the Appendix (pp 157–68) but all students are warned that they should apply for full and up-to-date information direct to the university or universities of their choice.

A degree granted by a recognized university is ordinarily accepted by all universities as making its holder eligible for admission to a first degree course in the same subjects or faculty provided a place is available. Exemption may be allowed for subjects already studied generally each application is considered on its merits. As for higher degrees — involving as they usually do, research — an applicant for admission must produce proof of special qualifications and of ability to undertake advanced work.

All universities require evidence that students whose mother tongue is not English have a sufficient mastery of the language to enable them to follow easily courses of instruction conducted in English.

All those desirous of entering a university will be well advised (a) to decide as soon as possible on the institution they wish to enter (b) to have a clear idea of the kind of course they wish to take (c) having satisfied themselves of the validity of their qualifications, to make inquiries about admission at least twelve months before they propose to begin their studies, and even earlier in the case of Oxford and Cambridge. Indian and Pakistani students should apply for admission through the offices of their respective High Commissioners in London Colonial students through their local Students Advisory Committee and the Colonial Office in London, and Egyptian students through the Egyptian Education Bureau in London.

Specific qualifications are not ordinarily required in the case of students from overseas who wish to attend courses of lectures at universities without qualifying for a degree, but their admission is dependent upon the availability of accommodation and other considerations Applications for admission should be sent well before the date on which the student desires to commence his course of study

UNIVERSITY RESIDENCE

REFERENCE HAS ALREADY been made to the facilities for residence which are a characteristic feature of university education *in the United Kingdom. Oxford and Cambridge* grew out of residential houses for students in those universities the tradition has persisted, and their special character arises largely from the fact that students are living together

In a few of the later foundations the same principle operated, but generally the newer universities were established primarily as places of instruction and students were responsible themselves for finding a place to live in. In so far as universities were situated in large cities the problem was simplified by the fact that most of the students lived at home. Of late, however increasing stress has been laid on the value of enabling students to share in a common life through residence together

It has been said that an important function of a university is to provide conditions in which the young will educate each other so far as adults will let them Under the surface of this cynicism lies a profound truth It is important that if a university is to have that quality of comprehensiveness which its name implies, students must not be segregated within the limits of their *special studies, and that the members of different faculties* should mingle socially and intellectually No single means can achieve this better than letting them live together

Most universities have halls of residence and a growing number of places are available. The latest returns show that about 27 per cent. live in university halls of residence or in college, 40 per cent. in lodgings and about 33 per cent. at home. If a student from abroad wants to get the best out of university life he should try to obtain admission to a university residence. There is, however great pressure on such accommodation and many applications have to be refused because of shortage of space. There are also a number of hostels which are administered by other bodies and are available for university students they provide accommodation which is in general preferable to private lodgings. Where private lodgings have to be used the university generally keeps a list of suitable houses to which students can be recommended

COST OF STUDY AND RESIDENCE

[The estimates given below which relate to conditions in July 1954, are liable to become quickly out of date and prospective students should seek the latest information from the University or College of their choice]

FOR DETAILED TABLES OF FEES AND RESIDENTIAL ACCOMMODATION SEE PAGES 126 AND 135

THE TOTAL COST of study and residence during one calendar year for a student from overseas attached to one of the universities in the United Kingdom varies according to the locality and the type of university

At Oxford and Cambridge, it would be advisable for a student to have at his disposal between £500 and £600 a year to meet all expenses including maintenance and some travel

during vacations. The higher amount is necessary for those studying medicine, agriculture, natural science, or engineering because of the rather heavier special lecture and laboratory fees, and the cost of instruments where necessary. Generally speaking, a calendar year at London would cost between £440 and £500 and at one of the universities other than Oxford, Cambridge, and London, about £440.

Prospective students may make a closer estimate of their probable expenses by adding to the university fees (plus college fees where appropriate) an allowance for maintenance (and some travel during vacations) at the rate of £40 to £50 a month for Oxford and Cambridge, of £35 to £40 a month for London and of about £35 a month for other universities.

There is no doubt that by the exercise of great care and self-denial a student may live on somewhat less than the figure given above but in so doing he will have to forego many of the social advantages which are to be obtained during his university career.

The cost of accommodation at a university hall of residence may perhaps be higher than that of some lodgings which the student might find for himself, but the extra cost is far outweighed by the personal and social advantages and also by the fact that heating and sometimes lighting are extras in lodgings. Where hostel accommodation is not available the university is generally willing to advise on the subject of lodgings.

Students sometimes, and to an increasing extent, undertake remunerated work in the vacations, but it is not a well-established practice in universities, the official view being that a substantial part of the vacation should be occupied in reading and other academic work.

Fees at technical colleges, art schools and other centres of higher education vary considerably and prospective students should apply for information to the college of their choice.

SCHOLARSHIPS

OVERSEAS STUDENTS desiring to study in the United Kingdom may be eligible for scholarships granted by their own Government, or by universities or other educational, industrial

and research institutions in the United Kingdom or by the British Council. In British Colonies many Government scholarships are available which are tenable in the United Kingdom; particulars of these scholarships can be obtained from the appropriate Education Departments.

Information on scholarships can usually be obtained from the Ministry of Education in the student's own country or from the appropriate inter-University organization, where this exists, or from the Representative of the British Council (see pages 154–55). The *Commonwealth Universities Yearbook* published annually by the Association of Universities of the British Commonwealth, includes information on post-graduate scholarships tenable at universities in the United Kingdom. This information is also printed annually as a pamphlet obtainable from the Association's office. It should be remembered that such scholarships are few in number and competition for them is keen.

Another valuable source of information is the handbook *Study Abroad* published annually by the United Nations Educational, Scientific and Cultural Organization, price 7s. 6d.

BRITISH COUNCIL SCHOLARSHIPS

The British Council offers scholarships annually for post-graduate studies for men and women from many countries to enable them to pursue courses of research or advanced study in Great Britain. The object of these scholarships is not primarily to enable the graduate to get an additional qualification in the form of a degree or diploma, but to give him or her the opportunity of further specialization and contact with British scholars and academic resources. Arrangements may be made for professional or technological scholars to be placed with leading institutions or large firms in this country instead of with universities.

All enquiries and applications for British Council scholarships must be made through the Representative of the British Council in the country concerned. A list of the addresses of these Representatives is given on pages 154–55.

In those countries where there is no British Council Repre-

sentative enquiry should first be made at the British Embassy or Legation where information can be obtained if scholarships are available.

Scholarships are normally offered in the first instance, for one or two academic years, and scholars are expected to arrive at the beginning of the autumn term. Full scholarships cover the cost of travel, maintenance and university fees

The British Council acting through its Representatives abroad is also able in certain instances to assist graduates who are prepared to come to this country at their own expense or under other sponsorship by helping them to find suitable places at United Kingdom universities at which they may carry out their intended studies.

STUDENT WELFARE

(i) *Services Offered by the Universities*

MANY UNIVERSITIES in the United Kingdom now have an officer whose task is to advise overseas students on problems arising during their stay in this country and most have a Lodgings Officer to assist students to find suitable accommodation, in hostels or elsewhere, at a reasonable price. An important recent development in the field of student welfare is the establishment of Student Health Services. These have been instituted at individual universities and provide for the medical examination of new students provision may also be made for the treatment of students who are ill (such services, of course, are supplementary to those available under the National Health Service)

(ii) *Students Societies in the Universities*

A NOTABLE FEATURE of social life in universities is the great number of students' societies and clubs, and the student from overseas will be well advised to take an active part in a number of these, if he is to reap the maximum benefit from his time at the university Many of these societies have an athletic purpose, but others are concerned with debating drama, music, literature, science and professional topics. There are political societies in the universities but an important

difference between them and their counterparts in some other countries is that *they do not in general take a direct part in* national or local politics They exist for the study of politics and the cultivation of the arts of debate and public speaking It would not be unjust to claim for them an educational function, but they are private societies for which the members and not the university are responsible.

There is a general belief that it is a valuable exercise in democracy for students to manage their own affairs in proper fields, and in the universities in the United Kingdom it is traditional that student societies are organized by the students themselves In many universities there is an all-embracing Students Council or Union which has oversight of all these extra-curricular activities, and the university frequently recognizes its position by levying a compulsory fee on all students on its behalf, by providing it with premises for its activities and by co-operating with it to a considerable extent in matters of discipline and the social well being of students. The unions are the centre of the social life of the students They provide cheap meals, have common-rooms, reading-rooms, libraries, and rooms for games, and a hall in which from time to time dances, debates, concerts and lectures may be attended by members and their friends.

As most of the institutions referred to in this handbook are situated in large centres of population, abundant facilities are available for amusement and instruction — theatres, cinemas, concerts, public lectures, art galleries, museums. In addition each has, within the boundaries of its town or in its vicinity places of historical and architectural interest and natural beauty Student Handbooks provide full information regarding every aspect of student life. These are procurable at most universities, while local guide-books supply information of a more general nature.

(iii) *The Work of the British Council*

THE BRITISH COUNCIL offers certain facilities to overseas students who are registered at recognized institutions of higher education and who intend to return to their homes after the completion of their courses of study

Some categories of students for example those holding scholarships awarded by the British Council or by a Colonial Government, and those recommended by the Colonial Office and other bodies, are met on arrival in this country found suitable accommodation and helped in various other ways.

At 3 Hanover Street, London W 1 there is a centre for overseas students, but, owing to pressure on its facilities, membership is now restricted to freshmen. The regular activities include discussion groups, music recitals, English classes social evenings, and lectures given by eminent British people on various aspects of life and thought in this country Any overseas student as defined above, whether he is a member of this centre or not may apply to take part in certain other activities, such as vacation and weekend courses, surveys, study visits to places of interest, and informal receptions to meet British people.

In those towns where the British Council has an Area Office (see addresses on page 156) there is either a centre attached to the office in which social and cultural activities are arranged for overseas students, similar to those arranged in London or the Council has arrangements with an organization, such as an International House, where overseas students can avail themselves of similar facilities The aim, in both London and the regions, is in the first place to facilitate the students contact with their immediate environment, and then to let them see other parts of Britain during their vacations

(iv) *Work of Other Organizations*

THERE ARE A NUMBER of voluntary societies which include social and cultural activities for overseas students in their programmes. Among such societies in London are Student Movement House (international and non residential) Friends International Centre Methodist International House the Young Men's Christian Association (international, with limited residential facilities) The Victoria League, the Over Seas League and the Royal Empire Society offer special facilities to students from the British Commonwealth. The *East and West Friendship Council exists to promote friendly* social contacts between British people and students from

Africa, Asia and the West Indies. Some of these societies have branches outside London.

Further information about these and other organizations may be obtained from the British Council handbook for over seas students, *How to Live in Britain* (published by Longmans, Green & Co price 1s.)

RESIDENTIAL COLLEGES FOR ADULT EDUCATION

THERE ARE A NUMBER of Residential Colleges which cater primarily for students drawn from adult educational organizations. These colleges vary in the conditions under which students are admitted, in details of administration and to some extent in the subjects provided for study Each seeks to give opportunity especially to workers in industry for non vocational education in the circumstances favourable to full time study For details of the courses provided and the fees charged the reader should turn to pages 141–42

The Residential Colleges differ from the universities in educational method of approach because they are designed to meet two distinct educational needs and to cater for two distinct types of students between whom there are important differences of experience, training and outlook. The universities, on the one hand, provide mainly for young men and women of about seventeen or eighteen, who come straight from secondary schools, and whose aim is primarily to fit themselves for careers in the professions, industry and commerce.

On the other hand the Residential Colleges have grown up in the adult education movement and provide for workers, in most cases of over twenty years of age who may have had little or no secondary education of an academic kind before becoming wage-earners. After beginning their work, many of them develop a desire for wider and fuller education. Such students are often people of exceptional ability and force of character and their gifts deserve the opportunity for training and development.

The usual courses of study cover one year or two years, though applications for shorter periods are considered. When

possible, the student is expected to take one of the set courses of study although some specialization is not precluded. The subjects of the set courses follow the main interests of students whose practical working experience has drawn them to economic and social studies These subjects, however are the gateway to a broader curriculum in which a variety of cultural and leisure interests find a place

A Residential College offers definite advantages to adult students who have not had much formal academic training Tuition is adjusted to their individual abilities and previous experience a wide range of subjects is open to them the subjects taken are brought into relation and perspective the students can consult with several tutors and they have access to libraries and in some cases to university lectures. Moreover study is more effective because undisturbed by occupational or other interests, and because undertaken in close co-operation with others sharing a community life. A valuable feature of the college life is that the students are usually drawn from diverse occupations and from many parts of the country and not infrequently from foreign countries too

The teaching of these colleges prepares the students to meet more effectively the urgent issues which confront them to-day A high standard of education is aimed at, and the underlying purpose of the colleges is cultural helping men and women to attain a sense of proportion and to find a standard of values.

TEACHER TRAINING

IN ENGLAND AND WALES facilities for teacher-training are offered principally at (a) training colleges which normally provide a two-year course for students of eighteen or over and (b) university departments of education which offer a one-year course of professional training for university graduates. There are 190 training colleges and 23 training departments In addition there are 16 art schools which train art teachers.

Area training organizations have been set up to secure a closer relationship between the universities, training colleges and Local Education Authorities and these three partners co-operate to establish an educational centre in each area, usually known as an Institute of Education and based on a

university to serve as a focus of interest and activity, [illegible] or students in training and the staffs responsible [illegible] also for practising teachers of all types of institution [illegible]

In Scotland there are four general training [illegible] denominational training colleges and a college for [illegible] teachers of physical education. Courses are normally of one year's duration for graduates or the equivalent of three years duration for non-graduates. For many years professional training has been regarded as essential.

There are two general training colleges for teachers in Northern Ireland both for men and women. One is a [illegible] denominational college under the auspices of the Ministry of Education and the other is under Roman Catholic [illegible] management. The ordinary training course lasts thr[illegible] There are a combined training and University course [illegible] four years, a one year course for graduates, and [illegible] courses for trained teachers who wish to [illegible] specialists in selected subjects.

SHORT TERM RESIDENTIAL [illegible]

ONE OF THE NEWER developments in British [illegible] foundation of a number of colleges which offer [illegible] from a weekend to one or two weeks, or in th[illegible] two colleges as much as three months. The[illegible] aided and in some cases are directly finan[illegible] tion Authorities, some are sponsored by [illegible] tions, others by Universities. The fees of [illegible] considerably — a weekend may cost as littl[illegible] are mostly located in the countryside and [illegible] frequently of much beauty and great hist[illegible]

The subjects dealt with during the [illegible] these colleges vary considerably they [illegible] Current Affairs, Social Problems, Mu[illegible] Local History Literature, Economics [illegible] Overseas students may be interested [illegible] courses during weekends or vacations [illegible] obtained from the wardens at the foll[illegible]

Ashridge, Berkhamsted Hertfordsh[illegible]

Attingham Hall, Nr Shrewsbury [illegible]

Avoncroft College, Stoke Prior Nr Bromsgrove, Worcs.
Battle of Britain House, Duck's Hill Road Northwood, Middlesex.
Belstead House, Nr Ipswich Suffolk.
Brazier's Park, Ipsden, Oxfordshire.
Burton Manor Burton, Wirral, Cheshire.
Debden House, Debden Green Loughton Essex.
Denman College (for women only) Marcham Nr Abingdon, Berkshire.
Dillington House, Ilminster Somerset.
Dunford College, Midhurst, Sussex.
Grantley Hall, Nr Ripon, Yorkshire.
Holly Royde, 30 Palatine Road, Manchester 20
Kingsgate College, Broadstairs, Kent.
Knuston Hall, Irchester Northamptonshire.
Lambton Castle, Nr Chester le-Street, Durham.
Lenton Hurst, Derby Road Nottingham.
Missenden Abbey Great Missenden, Buckinghamshire.
Moor Park, Farnham, Surrey
Pendley Manor Tring, Hertfordshire.
Urchfont Manor Nr Devizes, Wiltshire
Wansfell, Theydon Bois Essex.
Wedgwood Memorial College, Barlaston Stoke-on-Trent.
Westham House, Barford, Nr Warwick.
Wrea Head College, Scalby Nr Scarborough, Yorkshire.

DIRECTORY OF SUBJECTS
AND
FACILITIES FOR STUDY

DIRECTORY OF SUBJECTS AND FACILITIES FOR STUDY

FEES AND DURATION OF UNIVERSITY COURSES ARE GIVEN ON PAGES 126 TO 134

THIS is a selected list of subjects of study pursued at Universities and other institutions in the United Kingdom which experience has shown may be of special interest to overseas students and research workers. In general, research facilities are mentioned only where they are likely to be of interest to students studying for higher degrees or diplomas With few exceptions only those institutions providing full-time courses of instruction likely to interest students from overseas have been included.

Universities and University Colleges providing courses in the subjects set out in the following pages are listed in the following order England and Wales, Scotland, Northern Ireland Where courses are provided by other institutions, these are listed alphabetically below a dividing line.

The name of the university is followed by the title of the first degree, diploma or certificate for which the subject mentioned can be offered as a main or as a subsidiary part of the course. If a degree with Honours or a Special degree, can be obtained in the subject indicated, either alone or in com bination with one or two other principal subjects, an asterisk has been inserted after the name of the university

The asterisk is used principally to provide a handy sign post' guide to those subjects in the general field of Arts and Science in which students can specialise when reading for a first degree. The award of a degree with Honours or of a Special degree, normally implies that separate, or additional, courses from those for the Ordinary or Pass degree have been followed and it should be noted that the asterisk does *not* therefore cover General degrees with Honours or degrees (e.g in Medicine or in Veterinary Science) where Honours may be awarded solely to denote that special merit has been displayed at the final examination (see also p. 25)

Unless otherwise stated, references in the directory to degrees with Honours, or Special degrees, being awarded by all universities should be understood as including the University College of North Staffordshire (which awards the degree of B.A. with Honours in two or three principal subjects ('Foundation Year' plus three years.)

If tuition is provided at a constituent college or an affiliated or associated institution or at an institution with teachers recognized by the university the name of the institution follows the university and mention is also made of any college diplomas or certificates. There are details in most cases of the qualifications which may be gained at technical colleges and other institutions.

Overseas students are again reminded that the pressure on nearly all institutions for higher education by British students seeking admission is great and that mention of particular facilities for study does not necessarily imply that vacant places are available for all applicants who satisfy the minimum entrance requirements

ACCOUNTANCY

Included in curriculum for degrees in Arts, Commerce, Economics or Law at all universities except Cambridge, Oxford, Reading and St. Andrews. (Durham King's College, Newcastle upon Tyne, London London School of Economics; Wales Cardiff University College) Leeds awards B.Com. with Accountancy as principal subject.

A scheme arranged by the major professional bodies in association with the universities makes it possible obtain within period of 5½ years both university degree and professional Accountancy qualification.

Courses leading to qualifications of the following professional bodies are included in Commerce courses at many technical colleges and colleges of commerce

Association of Certified and Corporate Accountants
Institute of Chartered Accountants.
Institute of Cost and Works Accountants.
Institute of Chartered Accountants in Scotland.
Society of Incorporated Accountants & Auditors.

ACTUARIAL MATHEMATICS

OXFORD, B.A. Included in the special subject of Statistics in the Final Honour School of Philosophy Politics and Economics in courses for the postgraduate Diploma and Certificate in Statistics (yr) and also in courses on the Design and Analysis of Scientific Experiment.
[illegible] Diploma (yrs.).

ADULT EDUCATION

See Education

AERONAUTICS (including Aeronautical Engineering and Dynamics)

BIRMINGHAM. Facilities for research.

BRISTOL, B.Sc. in Engineering

CAMBRIDGE, B.A. (Mechanical Sciences Tripos)

LONDON, B.Sc. (Eng.) Imperial College of Science and Technology and Queen Mary College, degree courses and research. Northampton Polytechnic, degree courses and courses for College diploma (3 or 4 yrs.)

SOUTHAMPTON, B.Sc. (Eng.) in Aeronautical Engineering may be taken as 'Sandwich' course (4 yrs.) by students, selected jointly by the University and Aircraft firms, who spend 8 terms at the University and 6 months in each year with the firm.

GLASGOW B.Sc. Eng. Courses at University and t Royal Technical College. Research facilities.

BELFAST Certificate in advanced Aeronautics (yr.), open only to graduates in mechanical engineering. Courses at the College of Technology

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CRANFIELD (Buckinghamshire) College of Aeronautics. Departments of Aerodynamics, Aircraft Design, Aircraft Economics and Production, and Aircraft Propulsion. Diploma (2 yrs.) open to selected students of graduate standard. Facilities for research. The college is residential.

HATFIELD Technical College (Hertfordshire) 3-year course leading to the Higher National Diploma in Aeronautical Engineering

HULL Technical College. 3-year course leading to the Higher National Diploma in Aeronautical Engineering.

LONDON. Northampton Polytechnic. 3-year course leading to the Diploma in Aeronautical Engineering.

LOUGHBOROUGH College. 4-year course leading to the Honours Diploma in Aeronautical Engineering

A wide range of training facilities is offered by private institutions, some of them operated by aircraft manufacturers. Those interested in such facilities should write to the Secretary The Ministry of Civil Aviation, London, England.

AFRICAN LIFE AND LANGUAGES

LONDON. Courses at School of Oriental and African Studies. Special diplomas in Bantu languages and West African languages. Research facilities in phonetics and linguistics of African languages.

Bantu	*West African*	*East African Non-Bantu*
Ganda	Asante	Acholi
Kikuyu	Efik	Bari
Kongo	Ewe	Dinka
Lingala	Fante	Luo
Lozi	Fulani	Masai
Nyanja	Ga-Adangme	Meru
Shona	Hausa	Nandi
Sotho-Tswana	Igbo	Nuer
Sukuma	Mandinka	Shilluk
Swahili	Mende	Somali
Venda	Nupe	Zande
Zulu-Xhosa	Tiv	
	Twi (Akwapem)	
	Yoruba	

GLASGOW Course of lectures in African Studies.

GRICULTURE (including agricultural applications of such subjects as Bacteriology Biochemistry, Biology, Book-keeping, Botany Chemistry Economics, Engineering, Entomology, Fermentation, Law Microbiology Mycology Parasitology Physiology, Plant Breeding, Soil Science, Surveying, Zoology)

See also Dairying, Fruit Culture, Poultry Husbandry Veterinary Science.

BRISTOL Research station (mainly for studies in fruit-growing) at Long Ashton, Somerset. Limited number of students prepared for higher degrees of M.Sc. and Ph.D. in the University Postgraduate certificate (yr) in Plant Pathology and Protection.

CAMBRIDGE, B.A., certificate of proficiency (3 yrs.) postgraduate diploma (or yrs.) open only to graduates in Science or in Agriculture, postgraduate diploma in Agricultural Science (or 2 yrs.) Various Research Institutes.

DURHAM, B.Sc. Agric. (Pass and Honours degrees) M.Sc. (Agricultural Engineering), postgraduate courses (yrs.) in Farm Mechanisation and Agricultural Engineering. Tuition at King's College, Newcastle upon Tyne. Practical demonstrations and instruction at the College Farm, Nafferton, and at the College Agricultural Experimental Station, Cockle Park, Northumberland.

LEEDS, B.Sc. Postgraduate diplomas (yr) in Agriculture (farm management) Agricultural Bacteriology Agricultural Botany Agricultural Chemistry Agricultural Economics, Agricultural Zoology Plant Pathology Facilities for research.

LONDON, Rothamsted Experimental Station (Harpenden, Herts.) for Research Students only Departments for Bee Research, Biochemistry Botany Chemistry Entomology Insecticides, Nematology Pedology Plant Pathology Physics, Soil Microbiology and Statistics in relation to Agriculture.
Wye College (near Ashford, Kent) Three-year courses leading to B.Sc. Hons. (Agriculture) Facilities for postgraduate study and higher degrees.

MANCHESTER, B.A. (Econ.) B.A. (Com.) B.A. (Admin.) Course in Agricultural Economics.

NOTTINGHAM, B.Sc. Honours in Agriculture, Agricultural Botany Agricultural Chemistry, Agricultural Microbiology or Agricultural Zoology Research facilities. M.Sc. course in Mycology

OXFORD, B.A. Hon. School of Agriculture. Postgraduate diploma in Agricultural Economics (yr)

READING, B.Sc. Pass in Agriculture, B.Sc. Honours in Agriculture, Agricultural Chemistry Agricultural Botany or Agricultural Economics. Postgraduate diplomas (yr) in Agriculture Agricultural Chemistry or Agricultural Economics.

WALES, B.Sc. (Pass and Honours) in Agriculture, Agricultural Botany Agricultural Chemistry or Agricultural Zoology, at Aberystwyth and Bangor; also in Agricultural Economics at Aberystwyth. Postgraduate diploma (or yrs) and research facilities leading to higher degrees at both Colleges.

ABERDEEN, B.Sc. in Agric. (Ordinary and Honours degrees) Soil Science (yrs) may be included in curriculum for B Sc (Pure Science).

EDINBURGH, B.Sc. in Agric. (Ordinary and Honours degrees), postgraduate diploma (yr) in Rural Science. Tuition at University and at Edinburgh and East of Scotland College of Agriculture. Scottish Diploma course (5 terms). Short course.

GLASGOW B.Sc. in Agric. (Ordinary and Honours degrees) Tuition at University and West of Scotland Agricultural College. Scottish Diploma course (5 terms); special winter certificate course for farmers (5 months)

BELFAST B.Agr (Ordinary and Honours degrees) 4 yrs. course with General Hons. or Hons. in one of Agric. Sciences.

ABERDEEN North of Scotland College of Agriculture. Scottish Diploma in Agriculture (4 terms) College Certificate (yr). Course in Rural Domestic Economy for Girls (6 months)

CIRENCESTER, Royal Agricultural College. College and national diplomas in Agriculture (2 yrs.) short course in Agriculture (1 yr October to July). Residential facilities.

NEWPORT (Shropshire) Harper Adams Agricultural College. Courses for external degree of B Sc. (Agric.) of the University of London (3 yrs); college and national diplomas in Agriculture (2 yrs.) with special provision for instruction in Agricultural Machinery and Farm Machinery. Special courses (yr) Postgraduate course in Livestock Husbandry (yr) Residential facilities.

NEWTON ABBOT (Devon), Seale-Hayne Agricultural College. Course for external degree of B Sc. (Agric.) of University of London; college diploma in General Agriculture (3 yrs.); students are also prepared for the national diploma in Agriculture. Residential facilities.

WRITTLE. Essex Institute of Agriculture. Certificate course (1 yr) Diploma course (yrs.) Diploma in Agricultural Engineering (yr)

ANAESTHETICS

The Royal College of Surgeons of England grants the Diploma of Fellowship of the Faculty of Anaesthetists by examination. The Diploma in Anaesthetics is awarded by the Conjoint Board of the Royal College of Physicians in London and the Royal College of Surgeons of England. Particulars of both examinations may be obtained from the Secretary of the Examining Board, Examination Hall, Queen Square, London, W.C.

The Faculty of Anaesthetists of the Royal College of Surgeons of England organize two-year course of instruction and the University of Liverpool one of twelve months. The University of London (Postgraduate Medical School) can also arrange courses.

ANATOMY

Included in courses for first degrees in Medicine which ar awarded by all universities except Hull, Nottingham, Reading and Southampton. Degrees with Honours, or Special degrees, in Anatomy may be awarded by all universities except Durham, Hull, Nottingham, Oxford, Reading and Southampton.

Revision courses in the basic medical sciences, including anatomy, as preparation for the Primary Examination of the Fellowship of the Royal College of Surgeons, are organized by the Edinburgh Postgraduate Board for Medicine, by the University of Glasgow, and by the Institute of Basic Medical Sciences, Royal College of Surgeons of England. The last also arranges such course as preparation for the Primary Examinations of the Fellowship in Dental Surgery

ANTHROPOLOGY

CAMBRIDGE, B.A. (Archaeological and Anthropological Tripos) diploma (yr)

DURHAM, B.A., postgraduate diploma (yrs., 1 yr in certain cases) B.A. in Social Studies and certificate in Social Studies. Tuition mainly at King College, Newcastle; small amount of teaching at Durham.

LEEDS, B.A. (General Studies)

LONDON, B.A., B.Sc., academic postgraduate diploma (yrs.) University College and London School of Economics provide degree and diploma courses and facilities for research and advanced study. Tuition at School of Oriental and African Studies in the Cultural Anthropology of certain Asiatic and African regions.

MANCHESTER, B.A. (Econ.) (Com.) and (Admin.) Postgraduate diploma in Social Anthropology (1 or yrs.)

OXFORD, B.A. (Supplementary subject in Honour School of Natural Science), B.Sc. (postgraduate), diploma (yr) certificates in Cultural and Physical Anthropology (1 yr)

WALES, Aberystwyth University College, B.A. and College diploma (yrs., *in certain cases* yr)

EDINBURGH, M.A. (Psychology and Social Anthropology) B.Sc. (Physical Anthropology)

GLASGOW M.A. (Social Anthropology)

ARABIC

See Oriental Languages and Studies.

ARAMAIC

See Oriental Languages and Studies.

ARCHAEOLOGY

BIRMINGHAM, B.A. Special in Ancient History and Archaeology. Also included as subject for certain other special schools and for General B.A. with Honours.

CAMBRIDGE, B.A. (Archaeological and Anthropological Tripos) postgraduate diploma in Classical Archaeology (yr) diploma in Prehistoric Archaeology (1 yr) Museum of Classical Archaeology and Museum of Archaeology and Ethnology

DURHAM, Instruction and research facilities in Romano-British Archaeology in the Durham Colleges and at King College, Newcastle upon Tyne.

LEEDS, B.A. Romano-British Archaeology included in Latin (Special Studies) course.

LIVERPOOL, B.A. certificate (yr) diploma (yrs.) School of Archaeology and Oriental Studies. Special Branches: Ancient History and Classical Archaeology, Prehistoric Archaeology of Western Europe, Egyptian and Coptic, Hebrew and Ancient Semitic Languages

LONDON, M.A., academic postgraduate diploma (yrs.) University College (Classical, Egyptian) School of Oriental and African Studies (Indian, Chinese) Courtauld Institute of Art (Chinese) and Institute of Archaeology (Prehistoric European, Western Asiatic, Indian, Roman, Environmental, and Palestinian)

OXFORD, B.A., postgraduate diploma in Classical Archaeology (yr.) diploma in Anthropology and Certificate in Cultural Anthropology (including Prehistoric Archaeology and Comparative Technology). Special branches: Assyrian, Egyptian, Numismatics, *Ashmolean Museum of Art and Archaeology*

WALES, Cardiff University College, B.A. (optional subject in combination for Pass degree)

EDINBURGH, M.A., B.Sc. Special branches Classical and Prehistoric.

GLASGOW Postgraduate diplomas in Greek and Roman Archaeology (1 yr)

BELFAST B.A., B.Sc. (subsidiary subject)

ARCHITECTURE

CAMBRIDGE, B.A., certificate of proficiency (5 yrs) (exempts from the R.I.B.A. Intermediate Examination) postgraduate diploma (yr)

DURHAM, B.Arch diploma in Architecture (each 5 yrs.) Courses at King's College, Newcastle upon Tyne.

LIVERPOOL, B Arch. (5 yrs.)

LONDON B.A. Hons. in Architecture (5 yrs.) Courses at Bartlett School of Architecture (University College) In addition to degree and academic diploma courses, School provides courses for College diploma (5 yrs.) and certificate (3 yrs) Courtauld Institute of Art — History of Architecture.

MANCHESTER, B A. Hons. in Architecture (5 yrs.) diploma in Architecture (5 yrs.)

SHEFFIELD, B.A. Hons. in Architecture (5 yrs.) diploma (5 yrs.) certificate (3 yrs.) certificate in Professional Practice (examination after 12 months' professional practice following award of degree or diploma)

WALES, B.Arch. (6 yrs.) last 5 yrs. taken at College of Technology and Commerce, Cardiff; diploma (5 yrs.)

EDINBURGH, M.A. Hons. in Architecture (6 yrs.) diploma (5 yrs.) Courses at University and at Edinburgh College of Art.

GLASGOW B.Sc. in Architecture. Courses at University Royal Technical College, and Glasgow School of Architecture.

The above degrees and diplomas, with the exception of those at Cambridge, exempt from the Final Examination of the Royal Institute of British Architects.

The following schools are recognized for exemption from the R.I.B.A. Intermediate and Final Examinations. Courses normally last five years.

ABERDEEN Gray' School of Art, Robert Gordon's Technical College. Two-years' part-time concurrent with experience in an architect's office, followed by four years' full-time course.

BIRMINGHAM. School of Architecture, College of Art and Crafts.

CARDIFF Welsh School of Architecture, College of Technology and Commerce

DUNDEE School of Architecture, Dundee College of Art.

EDINBURGH School of Architecture, College of Art.

GLASGOW School of Architecture, Royal Technical College.

LEEDS. School of Architecture, College of Art.

LEICESTER School of Architecture, College of Art.

LONDON. The Architectural Association School of Architecture.
The School of Architecture, The Polytechnic, Regent Street.
The Department of Architecture, Northern Polytechnic.

NOTTINGHAM School of Architecture, College of Art.

OXFORD. The School of Architecture, City of Oxford College of Technology Art and Commerce.

All candidates after taking the R.I.B.A. Final Examination (or exempting examination) must have year practical experience before taking the Examination in Professional Practice and Practical Experience. This is necessary before they can qualify for Associateship of the R.I.B.A.

ARCHIVE ADMINISTRATION

See also Librarianship.

DURHAM. Some facilities available in department of Palaeography and Diplomatic in Durham Colleges.

LIVERPOOL. Diploma (or yrs.) in the Study of Records and Administration of Archives.

LONDON Academic postgraduate diploma in Archive Administration. Courses at School of Librarianship and Archives, University College (full-time yr., part-time 2 to 5 yrs.) In addition, year's practical experience in an approved repository

READING. Postgraduate facilities.

ART

The courses listed below are classified as academic or practical. Most university courses are concerned wholly or largely with the history theory or criticism of Art, but practical classes are included in many courses. Particular ttention should be paid to the brief details given below which indicate the scope of the courses.

Academic Courses

BIRMINGHAM. Courses in History of the Fine Arts (obligatory for students in certain special Honours Schools in the Faculty of Arts).

DURHAM (courses at King' College, Newcastle upon Tyne) B.A. General Studies: History of Art and Architecture forms part of course (mainly historical and theoretical). B.A. in Fine Arts (4 yrs.) course partly practical, partly theoretical; students may specialise in Painting, Sculpture or Design. Diploma in Education (Fine Art) yr course for graduates only Art teachers diploma 1 yr course of postgraduate standard for holders of National Diploma of Design. College Certificate in Fine Art awarded to evening students.

LEEDS, B.A. General Studies.

LONDON, B.A. Honours in History of Art, postgraduate diploma in History of Art (yrs.) ; courses at Courtauld Institute of Art. Syllabus for B.A. and diploma includes History of Art in the Renaissance, History of Art in England, and one of the following periods Byzantine, Carolingian and Romanesque, Gothic, Seventeenth Century Eighteenth Century Nineteenth Century to present day Birkbeck College History of Art for B.A. (General). Slade School, University College—course for diploma in Fine Art see *Practical Courses*. Facilities for research in the character and history of the Classical Tradition at the Warburg Institute

MANCHESTER, B.A. Ordinary B.A. (Mus.) History of Art may be offered as subject for either degree

READING, B.A. Honours (4 yrs.). One of the following may be offered for the Final Examination ( ) Drawing and Painting, (b) Sculpture, (c) Pictorial Design, (d) Industrial Design. The courses are both theoretical and practical The University also awards diploma in Fine Art (3 yrs.).

WALES, Aberystwyth University College Art may be taken at first-year level in B.A. degree courses. The college also provides diploma course (yrs.) The curricula for the degree and diploma courses include lectures on history theory and criticism, and practical work.

EDINBURGH. M.A. Honours in Fine Art (5 yrs. or less) The curriculum is partly theoretical (taken at the University) and partly practical (taken at Edinburgh College of Art)

GLASGOW Courses in the History of the Fine Arts.

Practical Courses

There are schools and colleges of Art providing full-time courses of practical training in London and in many provincial centres. The information given below will indicate the scope of courses available. Mention of any particular school does not imply its special standing.

BATH Academy of Art. Courses (4 yrs.) in Drawing and Painting, Design for Printing and Books, Sculpture, Pottery Mosaic, Leatherwork, Dress Design, Textile Design and Production. Hostels for men and women students. Course for Art teachers (2 yrs.)

EDINBURGH College of Art. Diploma courses (4 yrs.) in Drawing and Painting, Sculpture, Design and Crafts. Post-diploma course (yr)

GLASGOW School of Art. Diploma course (4–5 yrs) in Drawing and Painting, Modelling, Sculpture and Ceramics, Design and Crafts, Commercial and Graphic Art, Post-diploma course (yr)

LONDON

Camberwell School of Arts and Crafts. Courses in Drawing and Painting, Engraving and Illustration, Industrial Design, Crafts, Pottery and Modelling, Typography etc.

Central School of Arts and Crafts. Courses in the Schools of Drawing, Painting, Modelling, Etching and allied subjects; Book Production and Printing; Furniture, Interior Decoration, Pottery and Stained Glass; Textiles; Costume; Silversmiths' Work and allied crafts; and in the Department of Industrial Design.

Chelsea School of Art, Chelsea Polytechnic. Three-year course leading to the Chelsea Diploma of Art in Painting, Sculpture and Graphic Design.

Goldsmiths College School of Art. Courses in Drawing and Painting, Modelling, Sculpture, Etching and Wood-engraving, Book Production and Illustration, Industrial Design, Commercial Art and Fashion Drawing Courses for Art teachers.

The Polytechnic, Regent Street. Courses in Painting, Sculpture, Design, Illustration, Commercial Art and special courses for the Teacher's Diploma.

Royal Academy Schools of Painting, Sculpture and Architecture.

Royal College of Art. Courses (3 yrs.) for diploma Associate of Royal College of Art or Designer of Royal College of Art in one or other of the following: Painting, Sculpture, Engraving, Stained Glass, Graphic Design (Commercial Art, Typography, Bookbinding) (A.R.C.A.); Furniture and Engineering Product Design, Ceramics, Silversmithing and Jewellery Industrial Glass, Textile Design, Fashion Design, Interior Design (Des. R.C.A.)

St. Martin's School of Art. Courses in Drawing and Painting, Sculpture, Dress Design, Fashion Drawing (3 yrs.) Surface Design, Commercial Design (3 yrs) (including Lettering, Illustration and Lithography) Art Teachers' Course.

Slade School of Fine Art (University College) Courses in Drawing, Sculpture, Painting, Etching and Engraving, Design, Architecture, Decoration, Stage and Decorative Painting also courses in History of Art and History of Architecture. Students prepared for University diploma in Fine Art (3 yrs.)

OXFORD. Ruskin School of Drawing and Fine Art. Students prepared for University Certificate in Fine Art (3 yrs., in certain circumstances 2 yrs.) Courses include Drawing, Painting, Design, Anatomy and History of Art.

There are many other Schools of Art, and there are Regional Colleges of Art in the following towns Aberdeen (Robert Gordon's Technical College (Gray' School of Art)), Birmingham (College of Art and Crafts) Bradford (Regional College of Art) Brighton (College of Arts and Crafts) Bristol (West of England Art College), Dundee (College of Art) Hull (College of Art and Crafts) Leeds (College of Art) Leicester (College of Art) Liverpool (College of Art and Crafts) Manchester (College of Art) Nottingham (College of Art and Crafts)

ASSYRIAN

See Oriental Languages and Studies.

ASTRONOMY (including Astrophysics and Radio-Astronomy)

CAMBRIDGE, B.A. (Mathematical Tripos) Observatory and Solar Physics Observatory

DURHAM, B.Sc. Facilities for research at King's College, Newcastle upon Tyne.

LONDON, B.Sc. Facilities for the study of Astronomy at University College, and of Practical Astronomy and Astrophysics at Imperial College of Science and Technology University Observatory open to all properly qualified students of the University

MANCHESTER. Facilities for research, particularly in Radio-Astronomy

OXFORD, B.A. Observatory

EDINBURGH, M.A., B.Sc.

GLASGOW M.A. Honours, B.Sc. Honours. Research facilities.

ST ANDREWS, M.A. Honours, B.Sc. Honours. Research facilities.

BELFAST B.A., B.Sc.

AUTOMOBILE ENGINEERING

See Engineering Civil, Electrical and Mechanical.

BACTERIOLOGY

See also Agriculture

Courses are provided at all universities except Southampton. Degrees with Honours, or Special degrees, in Bacteriology may be awarded by the Universities of Birmingham, Durham (Newcastle), Leeds, Liverpool, Edinburgh, and Glasgow Postgraduate diplomas (yr) are awarded by the Universities of London (School of Hygiene and Tropical Medicine) and Manchester Postgraduate testamur in Bacteriology and Microbiology (yr) at Bristol, M.Sc. in Mycology (by examination) at Nottingham, after -yr course for graduates in Botany

BAKERY

No university courses.

Two-year full-time courses for the National Bakery Diploma are provided at

BIRMINGHAM College of Technology

BLACKPOOL Technical College.

CAMBRIDGE, Cambridgeshire Technical College.

CARDIFF College of Technology and Commerce

LEEDS College of Technology

LIVERPOOL College of Technology

LONDON Borough Polytechnic.

MANCHESTER College of Technology

PLYMOUTH. Plymouth and Devonport Technical College

SOUTHAMPTON Technical College.

WREXHAM. Denbighshire Technical College

A course for the Higher National Bakery Diploma is provided in London at the Borough Polytechnic. This may be taken by two further years of study after obtaining National Bakery Diploma or directly by three-year course with higher standard of entry

At Birmingham the Associateship of the College of Technology may be obtained by two further years of study after obtaining National Bakery Diploma.

At Glasgow the Royal Technical College provides a four-year course leading to the College Associateship in Bakery Technology

In addition to the above, one-year post Diploma courses which do not lead to any recognised qualifications are held in several colleges.

BALLET

No university courses.

Training is provided in the following schools, most of which prepare for the examinations of the Royal Academy of Dancing and the Imperial Society of Teachers of Dancing

CAMBERLEY (Surrey) Elmhurst Ballet School. Specialises in tuition for children and young people. Residential and day

LONDON Arts Educational Schools Ltd. Day school (for residential school see below) Specialised education for children and young people.
Dalcroze Society Training Centre in Eurhythmics. One-year course leading to the Intermediate Certificate three-year course leading to the Full Certificate in Eurhythmics.

The Phyllis Bedells School of Dancing One-year full-time course.
The Rambert School.
The Royal Academy of Dancing. Three-year course.
Sadler's Wells School. Catering mainly for children and young people.
Sigurd Leeder School of Dance. For dancers, teachers and choreographers. The examinations of the school may be taken after three years.

NEWCASTLE UPON TYNE. Nellie Potts School of Dancing. For children, students and teachers.

TRING (Hertfordshire) Arts Educational Schools Ltd. (see bove)

BANKING

Included in curriculum for degrees in Commerce and/or Economics at Birmingham, Liverpool, London (London School of Economics) and Edinburgh.

The examinations of the Institute of Bankers are available only to the staffs of banks recognised by the Council of the Institute. Qualifications to be gained are the Banking Diploma (3 yrs. of study) the Associateship and the Trustee Diploma (3 yrs. of study) Courses for these examinations are arranged t many technical colleges and colleges of commerce. Full details may be obtained from the Institute of Bankers.

BIBLICAL HISTORY AND LITERATURE

See also Theology.

In the statement below no reference is made to the degrees of B.D., M.Th., or D.D.

CAMBRIDGE, B.A. (Theological Tripos, Oriental Languages Tripos)

DURHAM. Certificate in Biblical Studies (for graduates, qualified teachers or other specially approved candidates). Postgraduate diploma in Biblical Studies. Course for certificate or diploma, 1 yr. full-time, Durham or Newcastle upon Tyne, or yrs. part-time, Newcastle upon Tyne.

HULL. Certificate of Further Study in Divinity; diploma in Theology.

LEEDS, B.A. in Special Studies in Theology and in Biblical Studies, B.A. (General Studies); diplomas in Theology (3 yrs.), Biblical Studies (yrs., part time) and Religious Education; research facilities.

MANCHESTER, B.A. (Theol.)

NOTTINGHAM, B.A.

OXFORD, B.A. (Final Honour School of Theology). Diploma in Theology (1 yr. minimum)

SHEFFIELD, B.A., Certificate (2 yrs. part-time)

WALES (Bangor and Cardiff) B.A.

ABERDEEN, M.A.

EDINBURGH, M.A.

GLASGOW. Diploma in Biblical Studies (2 yrs.)

BIOCHEMISTRY

Courses in Biochemistry forming part of B.Sc. degree courses are given at most universities. Degrees with Honours, or Special degrees, in Biochemistry may be awarded by all universities (London: University College) except Durham, Hull, Manchester, Nottingham, Reading, Southampton, Wales, North Staffordshire and Belfast. Research facilities and supervision are also available for graduates in Science and Medicine wishing to take higher degree in the subject. (London: University Bedford, Imperial and King' Colleges; also Medical Schools.)

BIOLOGY

Provision for the teaching of Biology is made by all universities and university colleges in their departments of Botany and Zoology (London: Bedford, Birkbeck, Imperial, King's, Queen Mary, Royal Holloway and University Colleges, for degrees in Botany and Zoology. Queen Elizabeth and Wye Colleges and t Medical Schools for other degree courses and at certain Polytechnics.) Degrees with Honours, or Special degrees, in Biology may be awarded by the Universities of Bristol, Sheffield, Edinburgh, Glasgow, Belfast, and the University College of North Staffordshire. An external diploma (1 yr.) in Biology is granted by the University of London.

There are also courses in many echnical colleges

BOOT AND SHOE MANUFACTURE

No university courses.

LEICESTER College of Technology. Two or three-year courses for the Diploma in Shoe Manufacture and the Diploma in Shoe Style and Design.

LONDON Cordwainers Technical College. Senior Technical Courses lasting at least two years in Boot and Shoe Manufacture and Boot and Shoe Handsewn Making.

NORTHAMPTON College of Technology Two-year course leading to the College Certificate.

The above courses lead to the Graduate Examinations of the British Boot and Shoe Institution.

BOTANY

Facilities for study at all universities and university colleges and at many technical colleges. Degrees with Honours, or Special degrees, in Botany may be awarded by all universities (London Bedford, Birkbeck, Imperial, King's, Queen Mary Royal Holloway and University Colleges) except North Staffordshire. There are courses at Exeter and Leicester for London external degrees.

BREWING MALTING AND FERMENTATION PROCESSES

BIRMINGHAM, Honours B.Sc. in Applied Biochemistry diploma (3 yrs., graduates 1 yr.) and certificate (yrs.) in Malting and Brewing. Facilities for research.

LONDON. Wye College, Wye, Kent. Facilities for postgraduate research in Hop Growing in the Hop Research Laboratories and experimental gardens.

MANCHESTER, B.Sc.Tech and certificate (Chemical Technology of Fermentation Processes, including Brewing) Instruction at College of Technology

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EDINBURGH. Heriot Watt College (1 or 2 yrs., or Associateship course, 3 yrs.)

BUILDING

MANCHESTER, B.Sc.Tech., and certificate (3 yrs.) Courses at College of Technology Research facilities. College also provides 3 yr course for National Diploma.

WALES, Cardiff University College. B.Sc.

Two, three or four year courses leading to the Ordinary and Higher National Diplomas in Building are offered by the following Technical Colleges

BIRMINGHAM College of Technology

BRIXTON Technical College.

CARDIFF College of Technology and Commerce.

EDINBURGH. Heriot-Watt College.

GLASGOW Royal Technical College. College Associateship in Building Technology (4 yrs.)

LEEDS College of Technology

LEICESTER College of Art.

LIVERPOOL Technical College.

LONDON. Brixton School of Building
Hammersmith School of Building.
The Polytechnic, Regent Street.
South West Essex Technical College

PORTSMOUTH Municipal College.

SALFORD. Royal Technical College.

SHEFFIELD College of Commerce and Technology (leading to the City of Sheffield Diploma in Building Technology)

SUNDERLAND Technical College.

BUSINESS ADMINISTRATION

See Management Subjects

CANCER RESEARCH

Facilities for research at the Universities of Birmingham, Bristol, Cambridge Leeds, London, Manchester Sheffield, Wales, and Edinburgh, and at the Royal Beatson Memorial Hospital, Glasgow

LONDON University Institute of Cancer Research, Royal Cancer Hospital, Fulham Road, London, S.W 3. Concerned with all aspects of research into causation and treatment of cancer training of research workers and advanced teaching in biophysics and radiotherapy Full research facilities.

CARDIOLOGY

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton. Facilities for research or advanced study at Cambridge, Leeds, London, Manchester Oxford, Sheffield Edinburgh and Glasgow

LONDON University Institute of Cardiology National Heart Hospital, Westmoreland Street, London, W Whole-time courses for physicians in training as cardiologists. Facilities for research. Part-time courses for general physicians.

CELTIC (including Gaelic, Irish and Welsh)

CAMBRIDGE, B.A. (Archaeological and Anthropological Tripos)

LIVERPOOL, B A.

LONDON, B.A. (External students only)

OXFORD, Postgraduate diploma in Comparative Philology (yr)

WALES, B A. Honours in Welsh. Courses covering Breton, Cornish, Irish, in the Welsh Departments of the four constituent colleges. Special facilities for research in Welsh Language, Literature and History in all Colleges.

ABERDEEN, M.A

EDINBURGH, M.A.

GLASGOW M.A.

BELFAST B.A.

CERAMICS

See Pottery

CHEMICAL ENGINEERING

See Engineering, Chemical.

CHEMICAL TECHNOLOGY

See Chemistry Technical.

CHEMISTRY

Facilities for study at all universities (London Bedford, Birkbeck, Imperial, King's, Queen Mary Royal Holloway and University Colleges and at certain Polytechnics) and university colleges and at most technical colleges. Degrees with Honours, or Special degrees, in Chemistry may be awarded by all universities. There are courses at Exeter and Leicester for London external degrees.

Many technical colleges, of which the major ones are mentioned below have three or four year courses leading to the external B.Sc. (Special) degree in Chemistry of London University Those marked † have facilities for research for higher degrees and the Fellowship of the Royal Institute of Chemistry

BELFAST College of Technology

BIRMINGHAM College of Technology

BRADFORD Technical College.†

BRIGHTON Technical College.

CARDIFF College of Technology and Commerce.

COVENTRY Technical College.

DUNDEE Technical College (ARIC course only)

GLASGOW Royal Technical College (four-year course leading to Associateship)

HUDDERSFIELD Technical College.†

KINGSTON-ON-HULL Technical College.

LEEDS College of Technology

LEICESTER College of Technology and Commerce.†

LIVERPOOL Technical College.†

LONDON. Acton Technical College.†
Battersea Polytechnic.†
Chelsea Polytechnic.†
Northern Polytechnic.†
Sir John Cass College.†
The Polytechnic, Regent Street.†
South West Essex Technical College.†
Woolwich Polytechnic.†

MIDDLESBROUGH. Constantine Technical College.

NOTTINGHAM. Nottingham and District Technical College.†

ABLEY Technical College.

PORTSMOUTH Municipal College.

ROTHERHAM College of Technology

RUGBY College of Technology and Arts.

SALFORD The Royal Technical College.

SUNDERLAND Technical College.

WIGAN. Wigan and District Mining and Technical College.†

WOLVERHAMPTON. Wolverhampton and Staffordshire Technical College.

CHEMISTRY METALLURGICAL

See Metallurgy.

CHEMISTRY TECHNICAL (including Industrial Chemistry)

LONDON. Facilities for postgraduate work at Imperial College of Science and Technology (Chemical Technology section includes Industrial Catalyses, Flame and Combustion, Chemical Thermodynamics, Low Temperature Technology Refractories, High Pressure Reactions, Blast Furnace Technology)

MANCHESTER, B.Sc. Tech., certificate. Courses at College of Technology

EDINBURGH. B.Sc. in Technical Chemistry, postgraduate diploma course (yr) for those who have taken Science degree with honours in Chemistry Facilities for research. Courses at Heriot Watt College are recognised for B.Sc. in Technical Chemistry and lead also to College diploma and associateship (4 yrs.) Students may devote fourth year to specialized branch, g. Metallurgy and Assaying, Biochemistry Oil Technology Fuel Technology Intermediates or Paper Manufacture.

GLASGOW B.Sc. Courses at Royal Technical College in following branches Fuels, Dyes, Oils and Fats, Coal Tar and its Products. College associateship (4 yrs.) Facilities for research.

BELFAST B.Sc. in Chemical Technology Courses t College of Technology

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Many of the major technical colleges have full-time courses in Technical Chemistry

CHEMISTRY TEXTILE

See Textiles and Colour Chemistry

CHEST DISEASES

See also Tuberculosis.

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton. Facilities for research or advanced study at Bristol, Cambridge, Durham (Newcastle upon Tyne), Leeds, London, Manchester Oxford, Sheffield, Edinburgh and Glasgow

LONDON University Institute of Diseases of the Chest, The Brompton Hospital, London, S.W 3. Full-time and part-time courses for physicians specializing in chest diseases, including tuberculosis. Facilities for training in thoracic surgery Provision for research.

CHILD HEALTH

BIRMINGHAM. Institute of Child Health. Pending provision of special accommodation, activities carried out mainly at Children Hospital and Carnegie Institute. Principal functions of Institute, ( ) *Undergraduate teaching*, (b) Liaison with Local Authority Medical Officers, ( ) Postgraduate training, (d) Paediatric research.

BRISTOL. Postgraduate courses.

CAMBRIDGE. Facilities for research or advanced study

DURHAM. Facilities for research and clinical work at Newcastle upon Tyne

LIVERPOOL. Facilities for research and routine clinical work.

LONDON Institute of Child Health. Facilities for the study of problems relating to children in sickness and in health, from the pre-natal stage to school-

leaving age. Postgraduate tuition in all aspects of Paediatrics. The Institute is at present housed in the Hospital for Sick Children, Great Ormond Street, London, W.C.

MANCHESTER. Facilities for research and routine clinical work in diseases of children.

SHEFFIELD. Facilities for limited number of postgraduates to attend the clinical practice and teaching of the Children's Hospital.

WALES. Chair of Child Health at Welsh National School of Medicine, Cardiff.

GLASGOW. Facilities for research.

ST ANDREWS. Facilities for research.

BELFAST. Facilities for research and routine clinical work.

Lectures in Child Health are included in the medical degree courses of the above and other Universities.

The Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England awards postgraduate diploma in Child Health, particulars of which may be obtained from the Secretary of the Examining Board, Examination Hall, Queen Square, London, W.C.
Courses are also arranged by the Children Hospital, Sydenham, London, the Edinburgh Postgraduate Board for Medicine, and the Fellowship of Postgraduate Medicine.

CHINESE

See Oriental Languages and Studies.

CLASSICAL STUDIES

Included in courses for Arts degrees at all universities and university colleges (London Bedford, Birkbeck, King's, Queen Mary Royal Holloway University and Westfield Colleges). Degrees with Honours, or Special degrees, in Classics are awarded by all universities. There are courses at Exeter and Leicester for London external degrees.

LONDON University, Institute for Classical Studies, provides facilities for advanced study and research and for the training of postgraduate students in Classics and cognate subjects. Warburg Institute provides facilities for research on the character and history of the Classical tradition. Its scope includes the Historical Sciences the History of Thought and Literature, of Religion and Sciences, of Institutions, of the Arts, etc., and it covers the Western and Near Eastern civilizations.

COLONIAL STUDIES

See Commonwealth Studies.

COLOUR CHEMISTRY (including Dyeing and Bleaching)

LEEDS. B.Sc. B.Sc. in Dyeing. Laboratories open for study and research during vacations.

MANCHESTER. B.Sc. Tech., and certificate. Courses at College of Technology.

GLASGOW. B.Sc. Courses at Royal Technical College. Associateship in Technical Chemistry (4 yrs.)

BELFAST. B.Sc. Courses at College of Technology.

BRADFORD Technical College. Three-year course leading to the college diploma.

GALASHIELS. Scottish Woollen Technical College. Three-year course leading to the college diploma.

HUDDERSFIELD Technical College. Research facilities.

COMMERCE

Degrees in Commerce (B.Com. or B A. (Com.)) are granted by the Universities of Birmingham, Leeds, Liverpool, Manchester and Edinburgh. Commerce is taken as special subject in the B.Sc. (Econ.) degree of the University of Southampton. A postgraduate diploma is granted by the University of Birmingham (yr)

Courses are provided at the principal polytechnics, technical colleges and colleges of commerce throughout the country

The following are the principal London centres where advanced commercial courses are provided:

City of London College.
North-Western Polytechnic.
The Polytechnic, Regent Street.
Woolwich Polytechnic.

There is also extensive provision for both day and evening study at number of colleges of commerce organized by the London County Council. Particulars can be obtained from the Education Officer County Hall, London, S.E.

Colleges of commerce and departments of commerce where advanced studies may be undertaken are to be found in the principal provincial cities and towns, and particulars may be obtained from the Education Officers of the Counties and County Boroughs. The strongest classes are generally to be found in the most populous areas.

The following college in Scotland provides higher commercial courses

Glasgow and West of Scotland Commercial College. Diploma (3 yrs.) and Associateship (4 yrs.) in Commerce and Administration and Secretarial Science Teachers' Diploma and Associateship Courses in Commercial Subjects and Economics.

COMMONWEALTH STUDIES (including Colonial Studies)

LONDON. The Institute of Commonwealth Studies has been established to promote the study of Commonwealth problems at the postgraduate level. Academic Postgraduate Diploma in Colonial Studies (normally yrs.); courses at London School of Economics.

OXFORD. Institute of Colonial Studies.

COMPARATIVE RELIGION

LONDON. King College (Theological Department).

MANCHESTER, B.A., B.A. (Theol.) B.D.

OXFORD, B.A. (Honour School of Theology).

WALES, B.D. (Bangor and Cardiff Schools of Theology and recognized theological colleges t Aberystwyth, Brecon and Carmarthen).

BELFAST B.D

COTTON

See Textiles.

CRYSTALLOGRAPHY

See Mineralogy and Crystallography

DAIRYING

LONDON Wye College. B.Sc. (Agric.) also facilities for postgraduate work.

NOTTINGHAM, B.Sc., diploma (yrs.) in Dairying. Postgraduate diploma (1 yr.) in Dairy Science.

READING, B.Sc. Pass in Dairying, B.Sc. Honours in Dairying or Dairy Science. (The National Institute for Research in Dairying is attached to the University.)

WALES, Diploma (yrs) (courses at Aberystwyth University College).

EDINBURGH, B.Sc. in Agric. Courses at University and at Edinburgh and East of Scotland College of Agriculture. Course at College for Scottish Diploma in Dairying (yrs.)

GLASGOW B.Sc. in Agric. Dairy Technology *may* be offered as subsidiary subject in Honours course. Courses at West of Scotland Agricultural College. Course at College for Scottish *Diploma in Dairying* (yrs.) and for the Scottish Diploma in Dairy Technology (yrs.) Also short Dairying courses.

BELFAST B. Agr. Animal Hygiene and Dairy Bacteriology

ABERDEEN, North of Scotland College of Agriculture, Scottish Diploma in Dairying (yrs.)

NEWTON ABBOT (Devon) Seale-Hayne Agricultural College. National and College Diplomas in Dairy Husbandry (yrs.)

STUDLEY COLLEGE (Warwickshire) for Women. Diploma in Dairy Husbandry (yrs.)

DANISH

See Scandinavian Languages and Studies.

DENTISTRY

Degrees in Dentistry—B.D.S. (Leeds B.Ch.D.)—are granted by all universities (Durham King's College London Guy's, King's, London Hospital, Royal Dental and University College Hospital Medical Schools) except Cambridge, Hull, Nottingham, Oxford, Reading, Southampton, Wales and Aberdeen. The period of study is generally about 5 years. At the Universities of Birmingham, Bristol, Durham, Leeds, Liverpool, London, Manchester and Sheffield, Honours may be awarded where sufficient merit is shown.

Diplomas in Dental Surgery (L.D.S.—course of at least 4 years) are awarded by the Universities of Bristol, Durham, Leeds, Liverpool, Manchester Sheffield and Belfast, and by the Royal College of Surgeons of England, the Royal College of Surgeons of Edinburgh, and the Royal Faculty of Physicians and Surgeons of Glasgow

Higher Qualifications

A Higher Dental Diploma and Diploma in Dental Orthopaedics are awarded by the Royal Faculty of Physicians and Surgeons of Glasgow

Fellowship of Dental Surgery (F.D.S.) is awarded by the Royal College of Surgeons of England and by the Royal College of Surgeons of Edinburgh. The University of St. Andrews awards Diploma in Public Dentistry (D.P.D.).

The examinations for the above diplomas are open only to candidates with registrable qualification in Dentistry

The degree of Master of Dental Surgery—M.D.S. (Leeds M.Ch.D.)—is awarded by all Universities granting a first degree. Candidates must generally be Bachelors of Dental Surgery of to 5 years' standing (Birmingham, 5 yrs.) and must present thesis and/or undergo an examination. At Sheffield candidates are required to have completed, subsequent to admission to the degree of B.D.S., either one year of approved hospital practice or one year of approved dental work, or scientific work related to dentistry in department of University. Birmingham, Bristol, Durham, Leeds and Liverpool are the only Universities which permit graduates of other approved Universities to become candidates for the M.D.S.

At the Institute of Dental Surgery (University of London) Eastman Dental Hospital, Gray Inn Road, London, W.C.1 training for qualified dental practitioners is provided in the special branches of preventative and therapeutic dentistry, including orthodontics, conservative and preventative dentistry and periodontia. The University of Manchester confers the degree of D.D.S. on graduates in Dental Surgery (or graduates in Medicine and Surgery or in Science, who hold an approved Dental qualification) of the University of a years standing, after a years' approved study and research and submission of thesis. The University of St. Andrews may award the degree of Doctor of Dental Science (D.D.Sc.) to Bachelors of Dental Surgery of the University of 5 years standing.

DERMATOLOGY

Included in courses for first degrees in Medicine which are awarded by all Universities except Hull, Nottingham, Reading, and Southampton. Facilities for research or advanced study at Cambridge, Leeds, Manchester Oxford, Sheffield and Edinburgh.

LONDON University Institute of Dermatology St. John's Hospital for Diseases of the Skin, 5 Lisle Street, London, W.C.2 Postgraduate clinical courses. Facilities for research.

DIETETICS (Nutrition)

Full-time

GLASGOW Glasgow and West of Scotland College of Domestic Science. Dieticians' Course (18 months)

LONDON, B.Sc. (Nutrition) and University Academic Postgraduate diploma in Dietetics (yr.) Course for both t the Queen Elizabeth College where there are also special facilities for postgraduate and research work. Post graduate facilities at London School of Hygiene and Tropical Medicine
Battersea Polytechnic. Caterer-Dieticians' Course (4 yrs)
Northern Polytechnic. Dieticians' Course (8 months)

LEEDS College of Technology Dieticians' Course (8 months).

Part-time

Examinations for the Certificate in Nutrition in relation to Catering and Cooking are set by the Royal Sanitary Institute. Courses have been approved by the R.S.I. at the following Colleges

BATH Technical College.

BIRMINGHAM College of Technology

BLACKPOOL Technical College.

CHELMSFORD. Mid Essex Technical College.

CHELTENHAM. North Gloucestershire Technical College.

GLASGOW Glasgow and West of Scotland College of Domestic Science.

GUILDFORD County Technical College.

HASTINGS Hotel and Catering School.

LEEDS College of Technology

LEICESTER Domestic Science College.

LIVERPOOL. F L. Calder College of Domestic Science

LONDON. Battersea Polytechnic.
Borough Polytechnic.
Northern Polytechnic.
National College of Food Technology
South-East London Technical College.

MANCHESTER. Domestic Trades College.

NOTTINGHAM. Clarendon College of Further Education.

SHEFFIELD College of Commerce and Technology

Nutrition is subject included in courses of Domestic Science at teacher training colleges and in catering courses.

DISTRIBUTIVE TRADES

No university courses.

The College for the Distributive Trades, London, offers one-year courses in Retail Distribution, Textiles and Display an intensive one-term course in Grocery and Provisions, and part-time courses.

There are part-time courses in many Technical Colleges and Colleges of Commerce.

DIVINITY

See Theology.

DOMESTIC SCIENCE

See also Institutional Management.

BRISTOL, B.Sc. (Dom. Sc.) First two years at the University third year at the Gloucestershire Training College of Domestic Science, Gloucester

LONDON, B Sc. (Household Science) At Queen Elizabeth College, three-year degree course, two-year course in Institutional Administration.

Courses, normally lasting three years and leading to teaching qualification, are held in the following colleges

ABERDEEN. Robert Gordon Technical College.

BATH Domestic Science Training College.

BELFAST College of Technology

CARDIFF Training College for Domestic Arts for South Wales and Monmouthshire.

EDINBURGH. College of Domestic Science.

GLASGOW. Glasgow and West of Scotland College of Domestic Science.

GLOUCESTER. Gloucestershire Training College of Domestic Science.

LEEDS. Yorkshire Training College of Housecraft.

LEICESTER. Domestic Science Training College.

LIVERPOOL. F. L. Calder College of Domestic Science.

LONDON. Battersea Training College of Domestic Science.

National Society Training College of Domestic Subjects.

National Training College of Domestic Subjects.

MANCHESTER. Training College of Domestic Economy.

NEWCASTLE UPON TYNE. Northern Counties Training College of Cookery and Domestic Science.

The Seaford Training College of Housecraft provides third year in Housecraft for students who take the first two years of the course at certain general colleges (see below).

The following training colleges offer 3 year course in Housecraft:

BANGOR. Normal College.

BRIGHTON. Training College (third year at Seaford Training College of Housecraft).

CLACTON-ON-SEA. St. Osyth's Training College.

EASTBOURNE. Training College (third year at Seaford Training College f Housecraft).

ILKLEY. College of Housecraf

ORMSKIRK (Lancashire). Edge Hill Training College (third year taken t the F. L. Calder College of Domestic Science, Liverpool).

NORTHAMPTON. Digby Stuart College (third year taken at the Seaford Training College of Housecraft).

SHEFFIELD. Totley Hall Training College of Housecraft.

STAFFORD. County of Stafford Training College, Nelson Hall.

WORCESTER. City of Worcester Training College.

DRAMA AND SPEECH TRAINING (including Theatrical Design)

BRISTOL. Drama may be studied as subject for the General Degree of B.A., or with Classics, French, or German, for the Special Degree of B.A.

LONDON. Extension Diploma in Dramatic Art (yr. course at Training Schools or Institutions approved by the University). Also Certificate of Proficiency in Diction and Drama open to teachers and to others specially approved after third-year supplementary course for Diploma in Dramatic Art.

NOTTINGHAM. Course in English Speech and Phonetics for foreign students.

GLASGOW. Certificat in Dramatic Studies (3 yrs.) open to full-time students of the College of Dramatic Art of the Royal Scottish Academy of Music. Post-graduate diploma in Dramatic Studies (yrs.).

BIRMINGHAM. College of Arts and Crafts. Three-year courses in Theatrical Design and Stage Costume (in association with he Birmingham Repertory Theatre).

BRADFORD. Civic Playhouse Theatre School. Acting Course (3 yrs.). Stage Design (yrs.).

BRETTON (Yorks.) Bretton Hall Training College.

BRISTOL West of England Art College.

CARDIFF College of Art.

LEEDS College of Art.

LEICESTER College of Art.

LIVERPOOL College of Art.

LONDON Goldsmiths' College School of Art.
Hornsey School of Art and Crafts.

MANCHESTER Regional College of Art.

SHEFFIELD College of Art and Crafts.

SWANSEA School of Arts and Crafts.

A two-year course of general training centred upon Art may be obtained at Bath Academy of Art, Bretton Hall Training College, and Trent Park Training College.

Froebel (Three-year course of training.)

BIRMINGHAM Westhill Training College.

HITCHIN (Herts.) Offley Training College, Offley Place.

LONDON Froebel Educational Institute (also one year postgraduate course)
Maria Grey Training College.
Rachel McMillan Training College.

Handicraft

LEEDS City of Leeds Training College.

WINCHESTER King Alfred' College.

A two-year course of general training centred upon the study and practice of handicraft may be obtained at Loughborough Training College and Shoreditch Training College.

Housecraft

(*See Domestic Science.*)

Music

Bretton Hall Training College and Trent Park Training College arrange one year courses for students with certain qualifications in music, and two-year course of general training centred on music.

Physical Education

(*See separate entry.*)

Technical Subjects

BOLTON Technical Training College.

HUDDERSFIELD Technical Training College.

LONDON Garnett College.

Another college of interest to overseas students is Montessori Training College Cranleigh, Surrey Postgraduate course (1 yr). Courses of two or three years for younger students.

EGYPTOLOGY

See also Archaeology

CAMBRIDGE, B.A. (Oriental Languages Tripos)

DURHAM, B.A. with Honours in Egyptology

LIVERPOOL. B.A. in Special Studies (School of Archaeology and Oriental Studies)

LONDON. May be studied as special subject for B.A. Honours in History Anthropology or Hebrew Courses and research facilities at University College.

MANCHESTER. Special Lecturer in Egyptology

OXFORD, B.A. (Honour School of Oriental Studies).

ELECTRONICS

Courses provided at most Universities in Science or Engineering courses. At Liverpool the B. Eng. may be awarded with Honours in Electronic Engineering. Facilities for research or advanced study at the Universities of Durham (King's College, Newcastle upon Tyne) Hull, Leeds, Liverpool, Manchester Sheffield and Southampton.

Diploma courses for advanced and postgraduate students at the Universities of Edinburgh and Southampton (1 yr).

A number of the technical colleges shown on pages 148–53 as offering full-time courses for the external B.Sc. (Eng.) degree of University of London include, or are prepared to include, Electronics and/or Telecommunications Engineering as Subjects in Part II

Further information about these colleges may be obtained from the Institution of Electrical Engineers, Savoy Place, London, W.C.2.

ENGINEERING CHEMICAL

BIRMINGHAM, Honours B.Sc., Ordinary B.Sc.; M.Sc. (2 yrs. postgraduate) Diploma (or yrs.) of graduate studies in Chemical Engineering.

CAMBRIDGE, B.A. (Chemical Engineering Tripos) postgraduate facilities.

DURHAM, M.Sc., postgraduate course (yrs). Courses at King' College, Newcastle upon Tyne.

LEEDS, B.Sc., postgraduate diploma (1 yr). Research facilities.

LONDON B.Sc. (Eng.) in Chemical Engineering. Degree courses and facilities for postgraduate study provided by University College Imperial College of Science and Technology Battersea Polytechnic, and West Ham College of Technology Facilities for postgraduate study at King' College.

MANCHESTER, B.Sc.Tech., and postgraduate diploma (1 yr.) Courses at College of Technology

SHEFFIELD. Courses in Chemical Engineering are given in the Department of Fuel Technology

GLASGOW B.Sc. in Eng. Courses at University and Royal Technical College. College associateship (4 yrs.)

Three or four-year courses leading to external B.Sc. (Chemical Engineering) of London University A college Diploma or Associateship and the Associate Membership of the Institution of Chemical Engineers are arranged at the following major Technical Colleges

LONDON. Battersea Polytechnic.

LOUGHBOROUGH College of Technology

TREFOREST Glamorgan Technical College.

ENGINEERING CIVIL ELECTRICAL, MECHANICAL

Degrees in Engineering (B.A., B.Sc., B.Sc. (Eng.) B.Sc. Tech., or B.Eng.) may be awarded by all universities except Hull Reading and North Staffs. (London Imperial, King's, Queen Mary and University Colleges also at Battersea, Northampton and Woolwich Polytechnics and West Ham College of Technology Wales courses in all three branches at Cardiff and Swansea only electrical at Bangor) The course normally extends over 3 or 4 years. At Sheffield student is recommended to obtain 12 months' industrial experience *before* admission to the degree course. In most cases the courses for all engineering students are identical during the first and sometimes the second year but students have an opportunity of specialising in Civil, Electrical or Mechanical Engineering in the later stages of the curriculum. At most of the English universities (except Leeds and Southampton) diplomas or certificates may be awarded to students not qualified for matriculation who attend courses of study extending over 3 or 4 years. Facilities for advanced study and research are provided by most universities. At Sheffield there is Postgraduate School of Applied Mechanics for advanced work in Mechanical Engineering.

Many technical colleges arrange courses of three years' duration leading to the external B.Sc. (Eng.) degree of the University of London. These courses which follow the Intermediate Examination, are divided into three parts, each of year

College diplomas or associateships are often awarded on successful completion of these courses, which also lead to examinations for the Associate Membership of the Institutions of Civil, Mechanical and Electrical Engineers, and similar professional bodies. Certain exemptions from Associate Membership examinations are given in respect of degrees, National Diplomas, and National Certificates by the Institutions. Many of the following colleges have two or three-year courses leading to the National and Higher National Diplomas in Mechanical and in Electrical Engineering. Those marked † have facilities for research.

ABERDEEN. Robert Gordon Technical College.

BIRMINGHAM College of Technology †

BRADFORD Technical College

CARDIFF College of Technology and Commerce.

DERBY Technical College.

DUNDEE Technical College.

HUDDERSFIELD Technical College.

KINGSTON-ON-HULL Technical College.

LEEDS College of Technology

LEICESTER College of Technology and Commerce.

LONDON Acton Technical College.
Battersea Polytechnic (also one-year course for postgraduate Diploma) †
The Polytechnic, Regent Street.
South-West Essex Technical College.†
Woolwich Polytechnic.

LOUGHBOROUGH College of Technology (Civil Engineering (3 yrs.); Mechanical and Electrical Engineering (4 yrs))

MIDDLESBROUGH. Constantine Technical College.

NOTTINGHAM. Nottingham and District Technical College.

RUGBY Technical College.

PORTSMOUTH Municipal College.

RUGBY College of Technology and Arts.

SALFORD. Royal Technical College.

STOKE-ON-TRENT North Staffordshire Technical College.

SUNDERLAND Technical College. (The course also leads to the B.Sc. degree Durham University)

TREFOREST Glamorgan Technical College.

WIGAN Wigan and District Mining and Technical College.

WOLVERHAMPTON. Wolverhampton and Staffordshire Technical College.

The following technical colleges offer courses leading to degrees of universities other than London University

BELFAST College of Technology. Four-year course for the B.Sc., degree in the Faculty of Applied Science and Technology Queen's University Belfast.

EDINBURGH. Heriot Watt College. B.Sc. and D.Sc. of Edinburgh University Also an Associateship and Fellowship of the College.

GLASGOW Royal Technical College. B.Sc. (Mechanical, Electrical and Civil Engineering) of Glasgow University Also one-year postgraduate course.†

SUNDERLAND Technical College. Three-year course leading to the B.Sc. degree of Durham University

Faraday House, London, offers four-year 'Sandwich' course, leading to the Faraday House Diploma, which exempts from the Associate Membership examination of the Institution of Electrical Engineers.

Two-year courses leading to the National Diploma in Mechanical Engineering, which exempts from part of the examination for the Ministry of Transport Certificate of Competency are available at the following technical colleges

BOLTON Technical College.

CARDIFF College of Technology and Commerce.

GATESHEAD Technical College.

KINGSTON-ON-THAMES Technical College.

LIVERPOOL. Riversdale Technical College.

LONDON Acton Technical College
South-East London Technical College
Wandsworth Technical College.

SWANSEA Technical College.

SPECIALIZED BRANCHES

Aeronautical Engineering

See Aeronautics.

Automobile Engineering

No university courses.

BRADFORD Technical College. Four-year course leading to the college diploma.

LOUGHBOROUGH College of Technology Four-year course leading to an Honours Diploma.

Gas Engineering

See Fuel Technology.

Heating and Ventilating Engineering

No university courses.

LONDON, National College of Heating, Ventilating, Refrigeration and Fan Engineering at the Borough Polytechnic. Diploma (6 months) postgraduate courses (1 yr.) and facilities for research.

Marine Engineering and Naval Architecture

DURHAM, B.Sc. Applied Science. Courses for pass and honours in Marine Engineering and Naval Architecture at King's College, Newcastle upon Tyne.

LIVERPOOL, B.Eng. Courses for pass and honours degrees and certificates of 3 yrs. in Marine Engineering.

SOUTHAMPTON. Technical Department. Courses in Marine Engineering. Complete courses for examination of all grades of Ministry of Transport Certificates of Competency as Marine Engineer Officers and for Surveyorships.

GLASGOW. B.Sc. in Eng. Courses at university for pass and honours degrees in both Marine Engineering and Naval Architecture. Royal Technical College awards Associateship (4 yrs.) in Naval Architecture.

BELFAST. B.Sc. Courses for pass and honours degrees in Naval Architecture at College of Technology. Intermediate course may be taken at university. Evening students only for final courses.

Full-time courses are available at the following technical colleges (except where otherwise stated the courses are in preparation for Certificates of Competency of the Ministry of Transport and for the Associate Membership examinations of the Institution of Marine Engineers):

ABERDEEN. Robert Gordon's Technical College.

HULL. Technical College.

LIVERPOOL. College of Technology.

LONDON. Poplar Technical College.

SUNDERLAND. Constantine Technical College. Three-year course leading to the National Diploma in Mechanical and Marine Engineering.

Municipal and Sanitary Engineering

LONDON. B.Sc. (Eng.) in Civil and Municipal Engineering. Courses at University College. Also College Diploma in Surveying.

MANCHESTER, B.Sc.Tech. and certificates. Courses at College of Technology.

Structural Engineering

See also Building

BRIGHTON. Technical College. Three-year course leading to a college diploma, which gives exemption from the Graduateship Examination and part of the Associate Membership Examination of the Institution of Structural Engineers.

LONDON. Brixton School of Building. Three-year course leading to Graduateship of the Institution of Structural Engineers.
Hammersmith School of Building. Four-year course leading to Associate Membership Examination of the Institution of Structural Engineers after appropriate practical experience.
South-West Essex Technical College and School of Art. Four-year course leading to the Associate Membership of the Institution of Structural Engineers.

MANCHESTER. College of Technology. Three-year course leading to the Associateship of the college, and part of the Associate Membership of the Institution of Civil Engineers, and the Graduateship of the Institution of Structural Engineers.

SALFORD. Royal Technical College. (As for Manchester College of Technology.)

ENGINEERING PRODUCTION

BIRMINGHAM. Postgraduate course (yr) leading to M.Sc. or diploma in Engineering Production and Management, according to qualifications. Executive study courses (2 weeks) at Institute of Engineering Production, for industrial executives.

DURHAM. Postgraduate Certificate course (yr) at King's College Newcastle upon Tyne.

GLASGOW. B.Sc. (Eng.).

GLASGOW. Royal Technical College. One-year postgraduate course.

WOLVERHAMPTON. Wolverhampton and Staffordshire Technical College. Course lasting three six-month periods leads to an advanced diploma.

ENGLISH LANGUAGE AND LITERATURE

Facilities for study at all universities and university colleges. (London: Bedford, Birkbeck, King's, Queen Mary, Royal Holloway, University and Westfield Colleges). Degrees with Honours, or Special Degrees, in English may be awarded by all universities. There are courses at Exeter and Leicester for London external degrees.

Special courses for overseas students are held at the following universities and university colleges:

HULL. Certificate in English (yr)

LONDON. Institute of Education. Diploma in the Teaching of English as Foreign Language (yr) primarily intended for graduates, but non-graduates with good professional qualifications may be admitted.
University College. Course in Phonetics of English (one day per week for one session).

NOTTINGHAM. Certificate in English, for undergraduates from overseas (yr). Diploma in English Studies, intended for graduates of overseas Universities (yr.).

SHEFFIELD. Diploma in English Studies for Foreign Students (yr) (Course normally open only to graduates and held only if sufficient number of candidates apply)

EXETER. University College. Testamur in English Language and Literature, primarily designed for students intending to be teachers of English (yr)

EDINBURGH. Postgraduate diploma in English Studies (yr). Linguistics (yr) and Phonetics (yr.). Course of lectures for foreign students (or yrs.).

Day courses in English for overseas students are arranged at the following technical colleges and colleges of commerce:

BIRMINGHAM. College of Commerce. One-year course leading to the college certificate.

CAMBRIDGE, The Cambridgeshire Technical College and School of Art. Three-month and nine-month courses composed of two ninety-minute classes weekly with supplementary lectures.

CARDIFF College of Technology and Commerce. Three, six or nine-months courses in English Language, and British Life and Institutions.

GLASGOW Glasgow and West of Scotland Commercial College. Day classes for overseas students taking classes in other subjects.

LEEDS College of Commerce. Three-months and ten-months' courses in Business Management, specially designed for overseas students and including classes in English Language.

LEICESTER College of Technology and Commerce. Full-time course (1 yr)

LONDON City of London College. Classes, five mornings weekly for three, six or nine months.
Laytterne School. Four two-hour classes weekly, in the morning or afternoon.
London School of Foreign Trade. Three-month course in English, and six-month course in English and Commerce.
The Polytechnic, Regent Street. Courses in English Language, Literature, Institutions and Phonetics (yr). It is possible to start the course t the beginning of each term.

MANCHESTER College of Commerce. One-year course in English, Business Economics, etc.

Overseas students pursuing advanced studies may wish to improve their English in their leisure time. Evening classes are provided in many public institutions, including the following:

BIRMINGHAM College of Commerce.

BLACKPOOL Technical College.

BRISTOL College of Commerce.

LIVERPOOL. City Commercial College.

LONDON. City of London College.
East London College of Commerce.
Goldsmiths College.
Laytterne School.
Norwood Technical College.
The Polytechnic, Regent Street.
Pulteney School.

SHEFFIELD College of Commerce and Technology

In addition to the above courses, there are many others provided by private schools and colleges, tutorial establishments, etc in London and the provinces. Some of them are residential, others non-residential; they offer courses ranging from few weeks to two years in duration. Details of these courses cannot be given here; those interested should either write direct to the institutions, asking for brochures, or should consult one of the following scholastic agencies:

Gabbitas, Thring & Co (195) Ltd. 6-8 Sackville Street, Piccadilly London, W
J. & J. Paton Ltd 43 Cannon Street, London, E.C.4.
Phillips & Randle, Ltd., 75 Mortimer Street, London, W
Truman & Knightley Ltd., Clifford Street, London, W

EPIDEMIOLOGY

See Vital Statistics.

EPIGRAPHY

CAMBRIDGE, B.A. (Oriental Languages Tripos.). Diploma in Classical Archeology (yr postgraduate)

LONDON. Courses in North Semitic and Classical Epigraphy at University College. Courses in Arabic, Burmese, Hebrew Indian, Mon, North Semitic, and Persian Epigraphy at School of Oriental and African Studies.

ESTATE MANAGEMENT

CAMBRIDGE, B.A. Certificate of Proficiency (3 yrs.) Diploma (yrs. post graduate).

DURHAM, B.Sc. in Agriculture. Courses at King's College Newcastle upon Tyne.

LEEDS. Postgraduate diploma (yr) in Farm Management.

LONDON, B.Sc. (Estate Management) Courses at the College of Estate Management.

CIRENCESTER. Royal Agricultural College. Diploma (yrs.) Candidates must provide satisfactory evidence of at least one year's practical experience in approved estate work.

EUGENICS

See Genetics.

FATS AND OILS

See Chemistry, Technical.

FERMENTATION PROCESSES

See Brewing

FINE ART

See Art.

FINNISH

See Slavonic and other East European Languages.

FISHERIES

See Marine Biology

FOOD TECHNOLOGY

BIRMINGHAM. Facilities in Department of Applied Biochemistry

LONDON. Facilities for postgraduate work in the chemistry of foods and drugs are provided at the Imperial College of Science and Technology the Chelsea Pol echnic and the Battersea Polytechnic.

MANCHESTER, B.Sc Tech. (Applied Chemistry) Courses at the College of Technology Facilities for postgraduat work. Special foodstuffs laboratory

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LONDON. National College of Food Technology Two-year course in General Food Technology One-year postgraduate course in Applied Microbiology and in Food Quality Control.

GLASGOW Royal Technical College Four-year course in Food Science leading to associateship of the college.

FORESTRY

CAMBRIDGE, B.A. in Estate Management.

DURHAM, B.Sc. in Agriculture. Courses at King' College Newcastle upon Tyne.

OXFORD, B A., diploma course for graduates (yr)

WALES, B.Sc. (Pass and Honours). Courses at Bangor University College. Facilities for research.

ABERDEEN B.Sc.For (Ordinary and Honours) Facilities for research.

EDINBURGH, B.Sc.

CIRENCESTER. Royal Agricultural College. Facilities for the study of Estate Forestry

FOUNDRY WORK

No university courses.

MIDDLESBROUGH. Constantine Technical College. Three-year course leading to the College Diploma.

WOLVERHAMPTON. N tional Foundry College. Diploma course lasting 8 months, for students with industrial experience who have reached an appropriate standard in their technical studies.

FRENCH

Facilities for study at all universities and university colleges (London as for *English* (q) Degrees with Honours, or Special degrees, in French may be awarded by all universities. There are courses at Exeter and Leicester for London external degrees.

FRUIT CULTURE

BRISTOL. Long Ashton Research Station is associated with the university for the purposes of research and advice.

LONDON. East Malling Research Station. The Institute specialises in fundamental and applied investigations of Hardy Fruit Culture in the field and laboratory A very few postgraduate students having a first-class academic record and, preferably some years' research experience, may be accepted in the following Sections Pomology Statistics, Plant Physiology Biochemistry Plant Pathology Entomology and Plant Protective Chemistry Suitably qualified postgraduates may be registered, under the supervision of recognised teachers, for higher degrees of London University
John Innes Horticultural Institution. Postgraduate research workers with previous training in Cytology, Genetics, Pomology and Horticulture admitted upon recommendation as visitors. Registration for Ph.D degree can be arranged.
Wye College, B.Sc. (Hort.) includes courses in Fruit Growing Facilities for postgraduate work.

FUEL TECHNOLOGY

See also Engineering, Chemical Mining and Oil Technology.

BIRMINGHAM, Honours, or Ordinary, B.Sc. in Petroleum Production Engineering Postgraduate courses (yrs) and facilities for advanced study and research.

DURHAM, B.Sc. in Applied Science. Course at King's College, Newcastle upon Tyne. Postgraduate certificate course (1 yr) in Fuel Technology at King's College.

LEEDS, B.Sc. in Fuel and Metallurgy and in Gas Engineering. Diplomas in Fuel and Metallurgy and in Gas Engineering (4 or 5 yrs.) Postgraduate diplomas (1 yr) in Fuel and Metallurgy, Fuel Technology, Fuel and Refractory Materials, and Gas Engineering. Facilities for advanced study and research.

LONDON, B.Sc. (Eng.) in Chemical Engineering. Degree courses and facilities for postgraduate study at University College, Imperial College, Battersea Polytechnic and West Ham College of Technology.

MANCHESTER, B.Sc.Tech. in Chemical Engineering and Fuel Technology. Facilities for postgraduate work.

NOTTINGHAM. Certificate in Fuel Technology (3 yrs.).

SHEFFIELD, B.Sc.Tech. in Fuel Technology. Facilities for advanced study and research.

WALES, B.Sc. Courses at Cardiff University College.

This subject is included in many courses in Engineering and Technical Chemistry in technical colleges.

FURNITURE DESIGN AND MANUFACTURE

No university courses.

HIGH WYCOMBE. College of Further Education. Special two-year course for furniture designers, or designer-managers, leading to National Diploma in Design.

LONDON. Central School of Arts and Crafts. Three-year course in furniture design leading to an Internal Diploma and the National Diploma in Design. Royal College of Art. Three-year course in furniture design leading to Diploma of Designer of the Royal College of Art.
Technical College for the Furnishing Trades. Basic course is two years, but third year is arranged for those wishing to specialize.

GAELIC

See Celtic

GAS ENGINEERING (Manufacture and Supply)

See Fuel Technology

GENETICS

Included in curriculum for degrees in Science and in Agriculture at most universities. Facilities for advanced study and research at

BIRMINGHAM, Also B.Sc. Hons. in Genetics.

CAMBRIDGE.

DURHAM, King's College, Newcastle upon Tyne.

LONDON, University College.

MANCHESTER.

SHEFFIELD.

EDINBURGH. Postgraduate diploma in Rural Science (yr) East of Scotland College of Agriculture provides Scottish Diploma courses (yrs. after yr. practical training) Short course (6 months)

GLASGOW West of Scotland Agricultural College provides Scottish Diploma courses (a yrs. after yr 's practical training)

EDINBURGH, Royal Botanic Garden. Three-year course leading to certificate or the diploma in Horticulture.

STUDLEY (Warwickshire) Studley College (for Women) External degree of B.Sc. (Hort.) of London University and the National Diploma in Horticulture (3 yrs.) College Diploma in Horticulture (a yrs.)

WATERPERRY (Oxfordshire) W terperry Horticultural School (for Women) Two-year course leading to the Waterperry Diploma, followed by one-year specialized course leading to the National Diploma in Horticulture.

WISLEY Royal Horticultural Society's Gardens. Two-year course leading to the National Diploma in Horticulture and the Society's diploma.

WRITTLE (Essex). Essex Institute of Agriculture. National Certificate in Elementary Horticulture (yr) National Diploma in Horticulture (a yrs.)

HOTEL AND CATERING SUBJECTS

See also Institutional Management.

N university courses.

Full-time courses, taking two or three years and intended in some instances for potential supervisor and managerial grades, are provided t the following colleges

BATH Technical College.

BIRMINGHAM College of Technology

BLACKPOOL Technical College.

BRIGHTON Technical College.

BRISTOL College of Technology

CAMBRIDGE. Cambridgeshire Technical College.

CARDIFF College of Technology and Commerce.

CHELTENHAM. North Gloucestershire Technical College.

GLASGOW and West of Scotland Commercial College, Scottish Hotel School.

GUILDFORD. County Technical College.

HASTINGS Hotel and Catering School.

HUDDERSFIELD Technical College.

LEEDS College of Technology

LEICESTER. Central Institute.

LIVERPOOL. Mabel Fletcher Technical College.

LLANDUDNO Hotel and Catering School.

LONDON. Acton Technical College.
Battersea Polytechnic.
Borough Polytechnic.
Hendon Technical College.
Northern Polytechnic.

South East London Technical College.
South West Essex Technical College.
Westminster Technical College.

MANCHESTER Domestic and Trades College.

NORTHAMPTON College of Technology

NORWICH City College and Art School.

OXFORD College of Technology Art and Commerce.

PLYMOUTH Technical School of Housecraft.

PORTSMOUTH College of Technology

RAMSGATE, Thanet Technical College.

SALFORD, Royal Technical College.

SCARBOROUGH Technical Institute.

SHEFFIELD College of Commerce and Technology

SLOUGH College of Further Education.

SOUTHEND-ON-SEA Municipal College.

STAFFORD County Technical College.

TORQUAY South Devon Technical College.

WEYBRIDGE, Brooklands Technical College.

WOLVERHAMPTON and Staffordshire Technical College.

HOUSEHOLD SCIENCE AND ECONOMICS

See Domestic Science

HUNGARIAN

See Slavonic and other East European Languages.

HYGIENE

See Industrial Health, Public Health, and Tropical Medicine.

ICELANDIC

See Scandinavian Languages and Studies.

INDIAN LANGUAGES

See Oriental Languages and Studies.

INDUSTRIAL ADMINISTRATION AND ORGANIZATION

See Management Subjects.

INDUSTRIAL CHEMISTRY

See Chemistry Technical.

INDUSTRIAL DESIGN (Metals and Plastics)

No university courses

Four-year courses leading to the National Diploma in Design (two years for the Intermediate Certificate in Arts and Crafts followed by two years for the

National Diploma) are arranged in the art schools named below. The three-year special courses lead to a diploma which is a qualification for those who wish to enter industry and do not intend to teach.

BIRMINGHAM College of Art and Crafts (3 and 4 yrs.)

CANTERBURY College of Art (4 yrs.)

GLASGOW School of Art. Four-year course leads to the school diploma in Design and includes specialisation in Industrial Design.

LONDON, Central School of Arts and Crafts (3 and 4 yrs.)
Royal College of Art. Three-year course leading to the Diploma of Designer of the Royal College of Art.

INDUSTRIAL HEALTH *(Hygiene and Medicine)*

DURHAM. Lectures and clinical courses in Industrial Health are included in the medical degree course at King's College, Newcastle upon Tyne.

LEEDS. Lectures and clinical courses in Social and Industrial Medicine included in the medical degree course.

LONDON, School of Hygiene and Tropical Medicine.

MANCHESTER, Department of Occupational Health. Facilities for advanced study.

SHEFFIELD. Lectures and clinical courses in Social and Industrial Medicine included in the medical degree course.

GLASGOW. Postgraduate course (1 yr.)

ST ANDREWS. Lectures in Industrial Hygiene (at present in abeyance).

Postgraduate diplomas are awarded by the Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England (particulars from the Secretary of the Examining Board, Examination Hall, Queen Square, London, W.C.1), by the Royal Faculty of Physicians and Surgeons of Glasgow (24 Vincent Street, Glasgow C.2) and by the Society of Apothecaries, London (Blackfriars Lane, London, E.C.4).
Courses are also arranged by the Royal Institute of Public Health and Hygiene, 28 Portland Place, London, W.1.

INDUSTRIAL PSYCHOLOGY

See also Psychology

LIVERPOOL. Diploma in Applied Psychology (1 yr.)

LONDON, B.Sc.(Econ.) Certificate in Social Science. Courses at London School of Economics. Academic postgraduate diploma in Psychology with choice of specialising in its application to industry (2 yrs.). Courses at University College and Bedford College.

MANCHESTER, B.A., B.A.Com., B.A.(Admin.) Research facilities.

NOTTINGHAM, B.A. Honours in Industrial Economics.

EDINBURGH, M.A. B.Sc.

GLASGOW M.A. B.Sc. (Engineering)

This subject is also included in Management courses in technical colleges.

INDUSTRIAL RELATIONS

BIRMINGHAM, B.Com., B.Soc.Sc.

CAMBRIDGE, B.A. (Economics Tripos)

LEEDS, B.A. (General Studies) B.Com.

LIVERPOOL. Diploma in Industrial Sociology (yr).

LONDON, B.Sc. (Econ.) Courses at London School of Economics and Political Science.

MANCHESTER, B.A. (Econ.) B.A. (Com.) B.A. (Admin.).

NOTTINGHAM, B.A. Honours in Industrial Economics.

WALES, B.A. Courses at Cardiff University College.

GLASGOW Research facilities.

This subject is also included in Management courses in Technical Colleges.

INSTITUTIONAL MANAGEMENT

See also Hotel and Catering Subjects and Domestic Science

No university courses.

A Certificate in Institutional and Catering Management is awarded by the Institutional Management Association. Courses preparing for the examination for this Certificate are held at the following colleges

ABERDEEN, Robert Gordon Technical College.

BATH Domestic Science Training College.

BELFAST Training College of Domestic Science

BIRMINGHAM College of Technology

EDINBURGH College of Domestic Science.

GLASGOW and West of Scotland College of Domestic Science.

GLOUCESTER. Gloucestershire Training College of Domestic Science

LEEDS. Yorkshire Training College of Housecraft.

LEICESTER Domestic Science College.

LIVERPOOL. F. L. Calder College of Domestic Science

LONDON, Battersea Polytechnic.
National Society Training College of Domestic Subjects (Berridge House)
National Training College of Domestic Subjects
Northern Polytechnic.

MANCHESTER College of Housecraf

NEWCASTLE Northern Counties Training College of Cookery and Domestic Science

SHEFFIELD College of Commerce and Technology

SHREWSBURY Shropshire College of Domestic Science and Dairywork.

There is also full-time Matron-Housekeeper course leading to the certificat awarded by the I.M.A., at

LONDON. National Society Training College of Domestic Subjects (Berridge House).

BRISTOL College of Technology

INTERIOR DESIGN AND DECORATION

LONDON University College, Bartlett School of Architecture. Certificate in Decoration (5 yrs.)

Many art schools and some technical colleges arrange courses leading to the National Diploma in Design (two years for the Intermediate Certificate in Art and Crafts followed by two years for the National Diploma). The following also arrange special three-year course but the diploma awarded is qualification for those who wish to enter industry and do not intend to teach.

BRISTOL. West of England Art College.

GLASGOW School of Art. Four year course leads to the school diploma in Design and provides specialisation in Interior Design.

HIGH WYCOMBE School of Art.

HUDDERSFIELD School of Art.

LEICESTER College of Art.

LIVERPOOL College of Art.

LONDON. Brixton School of Building.
Central School of Arts and Crafts.
Hammersmith School of Building and Arts and Crafts.
Royal College of Art. Three-year course leading to the diploma of Designer of the Royal College of Art.

KINGSTON UPON THAMES School of Art.

NOTTINGHAM College of Art and Crafts.

INTERNATIONAL RELATIONS

Can normally be studied as part of Arts degree courses.

BIRMINGHAM, B.Com.

LONDON, B.A. B.Sc. (Econ.) Courses at University College and at London School of Economics. School also provides yr postgraduate course leading to certificate in International Studies.

OXFORD, B.A. Honour School of Philosophy Politics and Economics.

WALES, B.A. Courses in International Politics at Aberystwyth University College.

ABERDEEN M.A. Courses (2 yrs.) for Ordinary degree.

IRANIAN

See Oriental Languages and Studies.

ITALIAN

Courses at all Universities except Bristol, Durham, Hull, Sheffield, Southampton, St. Andrews, and Belfast. (Wales Cardiff University College) Degrees with Honours, or Special degrees, in Italian may be awarded by the Universities of Birmingham, Cambridge, Leeds, Liverpool, London, Manchester Oxford, Aberdeen and Glasgow (London Bedford and University Colleges.)

JAPANESE

See Oriental Languages and Studies.

JOURNALISM

No university courses.

LONDON. The Polytechnic, Regent Street. Diploma (yr).

JURISPRUDENCE

See Law

LANDSCAPE ARCHITECTURE

DURHAM. Diploma in Landscape Design. Courses at King's College, Newcastle upon Tyne.

READING. Diploma (3 yrs.) Advanced diploma (yr)

WRITTLE. Essex Institute of Agriculture. Two-year diploma course.

LAND SURVEYING

LONDON, University College. One-year postgraduate course leading to Diploma which exempts from the Intermediate Examination, Land Surveying Section, of the Royal Institution of Chartered Surveyors.

LONDON. South-West Essex Technical College. Four-year course for the First and Intermediate Examinations of the Royal Institution of Chartered Surveyors, Land Surveying Section.

LANGUAGES

See under headings for individual languages, or the following: African Life and Languages, Oriental Languages and Studies, Scandinavian Languages and Studies, Slavonic and other East European Languages and Studies.

LARYNGOLOGY AND OTOLOGY

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton. Facilities for research and advanced study at Cambridge.

LONDON. Institute of Laryngology and Otology, Royal National Throat, Nose and Ear Hospital. Postgraduate clinical courses throughout the year: two comprehensive courses of eight months' duration annually.

A postgraduate diploma in Laryngology and Otology is awarded by the Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England. Particulars from the Secretary of the Examining Board, Examination Hall, Queen Square, London, W.C.

Diplomas of the Fellowship are awarded by the Royal College of Surgeons of England, the Royal College of Surgeons of Edinburgh, and the Royal Faculty of Physicians and Surgeons of Glasgow.

LATIN

See Classical Studies.

LATIN AMERICAN STUDIES

CAMBRIDGE. B.A. Included in Historical and Modern Languages Trip

DURHAM, B.A. Honours School of Spanish and Latin American studies at King's College Newcastle upon Tyne. Some facilities for research.

LEEDS. Included in Spanish courses leading to B.A. (Special or General Studies.)

LIVERPOOL, B A Special Studies, School of Hispanic Studies

LONDON. Latin American History is Special Subject for B.A. (Hons.) History

OXFORD, B A Spanish and Portuguese are subjects in the Final Honour School of Modern Languages Spanish-American Literature is an optional subject History of Spanish American Liberation is special subject.

SHEFFIELD B A Special, Honours School of Spanish.

SOUTHAMPTON, M A Hispanic studies

GLASGOW Included in Spanish courses.

LAW

Degrees in Law are conferred by all universities except Reading At Aberdeen, Edinburgh, Glasgow and St Andrews, candidates for the degree of Bachelor of Laws (LL.B.) must be graduates of an approved university and must generally follow prescribed course of study extending over or 3 years. At Cambridge there is the B A (Law Tripos) the LL.B examination, usually taken in the 4th yr is open to those who have obtained Honours in the Law Tripos or to graduates who are barristers or solicitors. At Oxford (which does not grant the LL. B. degree) there is the B A. Honour School of Jurisprudence. At Southampton the B A (Law) degree requires 3 yrs. of study after matriculation and the LL. B degree is awarded normally as second degree after 3-yr course following the B A. (Law) At all the other universities candidates may proceed to the LL.B 3 yrs after matriculation. At London, courses at King' and University Colleges and London School of Economics. At Wales courses for the LL.B are given only at Aberystwyth, but Law is included in combination of subjects for B A at Cardiff. The Scottish universities award the degree of Bachelor of Law (B L.) after 3 yrs of undergraduate study Glasgow 4 yrs) Courses for external degree in Law of the University of London are provided at the University College of Exeter

Conditions relating to the award of the degree of Master of Laws (LL.M.) which is awarded by the Universities of Birmingham, Bristol, Cambridge (only to graduates of the University) Durham, Hull, Leeds, Liverpool (also M A School of Jurisprudence) London, Manchester, Nottingham, Sheffield, Southampton and Wales, and to the degree of Doctor of Laws (LL.D.) awarded by all universities except Durham, Oxford and Reading vary considerably from one university to another At the Scottish universities the degree of LL D *is conferred only as an honorary degree. The Universities of Durham* and Oxford confer the degrees of Bachelor and Doctor of Civil Law (B.C.L., D.C.L.) At Durham both are restricted to graduates of the University At Oxford graduates of other universities may become candidates for the B.C.L. when they have kept residence at Oxford for at least 6 terms. Candidates for the D.C.L. must be Bachelors of Civil Law of the University of at least 3 terms' standing.

The University of Cambridge awards a postgraduate diploma in Comparative Legal Studies (yr)

The University of Edinburgh awards postgraduate diploma in Administrative Law and Practice (yr course) and the University of Oxford postgraduate diploma in Law (-yr course.)

The University of London also awards an academic postgraduate diploma in Law and has established an Institute of Advanced Legal Studies to provide facilities for postgraduate students.

Apart from University courses for degrees in Law (which do not in themselves give student the right to practise) training for the legal profession varies according to whether the student wishes to become Barrister-at Law or Solicitor

Barristers-at-Law

A person wishing to be called to the Bar must first obtain admission as student to one of the four Inns of Court, namely Lincoln's Inn, the Middle Temple, the Inner Temple and Gray's Inn, and thereafter pass Parts I and II of the Bar Examinations, although in certain circumstances students may obtain exemption from all or any of the Sections of Part I.

In addition to passing the prescribed examinations the Bar student is required to "keep terms" by dining in the Hall of his Inn of Court on any three days in each term if he is member of university in the United Kingdom or any six days if he is not such member

No student may normally be called to the Bar in the absence of special dispensation by the Masters of the Bench of his Inn of Court, unless he has kept twel dining terms, there being four dining terms in each year A new Regulation has recently been made by the Inns of Court under which students from overseas who hav passed four sections of Part I of the Bar Examinations before coming to this country may after passing the remaining examinations and subject to certain conditions which the Council of Legal Education may impose, be called to the Bar after keeping only eight dining terms in person, the remaining four terms being kept in absentia. Of the two academic years in this country at least one must be spent in 'directed study'

I the absence of special resolution passed by the Masters of the Bench of the Inn of Court concerned, no alien is eligible for admission as student or for Call to the Bar

For further information students should consult the Consolidated regulations of the Inns of Court, obtainable from the Council of Legal Education, 7 Stone Buildings, Lincoln's Inn, London, W C.2.

Solicitors

I order to be admitted as solicitor candidate is required to have passed the Preliminary Intermediate and Final Examinations of the Law Society In certain circumstances exemption may be granted from the whole of the Preliminary and part of the Intermediate Examination.

Further information may be obtained from the Law Society 3 Chancery Lane, London, W.C.2.

Persons wishing to become admitted as solicitors must usually also enter into Articles of Clerkship with solicitor for five years, or three years if, before entering into such Articles, the student has obtained university degree approved by the Law Society or has completed ten years *bona fide* service as solicitor clerk.

Although aliens may with the consent of the Law Society serve Articles of Clerkship, only British subjects may be admitted as solicitors. Barristers-at-Law of at least five years' standing and certain solicitors from the Dominions and Colonies are not required to serve Articles of Clerkship in order to be admitted as English solicitors.

Unless they have obtained exemption, by irtue either of an approved university degree or en years *bona fide* service as solicitor clerk before entering into Articles or 'for geographical or other reasons persons desiring to be admitted as solicitors must have attended for minimum period of year Law School approved or provided by the Law Society

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The technical colleges and schools of commerce organise classes in Law t meet various needs, which include degree preparation, but they are mainly concerned with the requirements of accounting, banking and secretarial examinations.

LAW INTERNATIONAL (Public and Private)

CAMBRIDGE, B.A. (Law Tripos) LL.B., postgraduate diploma (yr)

DURHAM, B.C.L. (2 yrs. after B.A.) Open only to Durham graduates.

LIVERPOOL, LL.B.

LONDON, LL.B. B.Sc. (Econ.) B.A. Courses at University College and London School of Economics. International Law is prescribed subject for the Post-graduate Certificate in International Studies granted by the London School of Economics (2-yr. course)

MANCHESTER, LL.B. Diploma in International Law

OXFORD B.A. Honour School of Jurisprudence; B.C.L.

SHEFFIELD LL.B.

WALES (Aberystwyth), B.A. LL.B.

ABERDEEN B.L., LL.B.

EDINBURGH, B.L., LL.B.

GLASGOW B.L., LL.B.

ST ANDREWS, B.L., LL.B. (Public International Law only)

BELFAST LL.B.

LEATHER INDUSTRIES

See also Boot and Shoe Manufacture.

LEEDS, B.Sc., diploma (3 yrs., in some cases reduced to 2) Procter International Research Laboratory

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LONDON National Leathersellers College, Diploma course (yrs.) associateship course (3 yrs.)

LIBRARIANSHIP

See also Archive Administration.

LONDON. Academic postgraduate diplomas in *Librarianship* and in *Archive Administration*. Courses at School of Librarianship and Archives, University College (day students yr. evening students 2-3 yrs., in addition to 1 yr.'s practical experience in an approved library)

The Schools of Librarianship in the following institutions arrange for one-year full-time courses for the Registration Examination of the Library Association. Courses for the Final Examination are also offered at those colleges marked †

BIRMINGHAM College of Commerce.

BRIGHTON Technical College.

GLASGOW and West of Scotland Commercial College.

LEEDS College of Commerce.†

LONDON North-Western Polytechnic.†
Spring Grove Polytechnic.†

LOUGHBOROUGH College of Further Education.†

MANCHESTER College of Technology.†

NEWCASTLE UPON TYNE Municipal College of Commerce.

Applicants for the Registration Course should either be graduates of uni versity or have passed the Entrance Examination of the Library Association.

Applicants for the Final Course should have passed the Registration Examination and fulfilled certain other requirements of the Library Association.

LINEN

See Textiles.

MALAY

See Oriental Languages and Studies.

MALTING

See Brewing

MANAGEMENT SUBJECTS (Including Business Administration, Industrial Administration, Personnel Management)

Courses are provided at most universities, usually in curricula for Commerce and Arts degrees.

BIRMINGHAM. Graduates commerce diploma.

LONDON, London School of Economics. Courses in Business Administration (1 yr postgraduate) and Personnel Management (yr)

MANCHESTER. Certificate in Industrial Administration (yr postgraduate) Courses t College of Technology

WALES (Cardiff University College) College diploma in Personnel Management (1 yr)

BIRMINGHAM College of Commerce. One-year course in Business Administration.

College of Technology Four-year part-time day and evening course leading to the diploma in Industrial Administration.

BRISTOL College of Commerce. One-year Management Studies course primarily for graduates.

DUNDEE School of Economics. One-year postgraduate course leading to the Diploma in Business Administration.

GLASGOW Royal Technical College. One-year courses in Works Management and in Personnel Management for graduates with industrial experience or non-graduates with satisfactory professional qualifications

Glasgow and West of Scotland Commercial College Courses leading to diploma (3 yrs.) and associateship (4 yrs) in Commerce and Administration. One-year courses in Personnel Management and in Business Administration.

LEEDS College of Commerce. One-year Business Administration course

LIVERPOOL College of Commerce. One-year Business Administration course

LONDON The Polytechnic, Regent Street One-year course leading to the Intermediate Certificate in Management Studies

LOUGHBOROUGH College. Three-year course leading to the diploma in Commerce and Business Administration.

Co-operative College. One-year General Manager diploma course

MANCHESTER College of Technology. Two-year course leading to college certificate in Industrial Administration. One-year course in Personnel Management.

MARINE BIOLOGY AND OCEANOGRAPHY (including Fisheries)

DURHAM, B.Sc. Honours School of Zoology. Courses at King's College, Newcastle upon Tyne. Postgraduate work at the Dove Marine Laboratory, Cullercoats.

HULL. Marine Ecology is a special subject for the B.Sc. Special degree. Research facilities.

LIVERPOOL. B.Sc. Honours School of Oceanography. Postgraduate work at Port Erin Marine Biological Station, Isle of Man.

LONDON. Marine Ecology is one of the branches of Zoology in the syllabus for B.Sc. (Special) in Zoology (internal and external).

SHEFFIELD. Courses in Marine and Freshwater Biology form part of the course for the B.Sc. Honours in Zoology.

WALES, B.Sc. At Aberystwyth University College, special subject in Honours B.Sc. course. At Bangor University College, facilities for postgraduate work; annual Easter Vacation Course (days) in Marine Zoology.

SOUTHAMPTON, B.Sc. (Special) Honours School of Zoology. Research facilities.

GLASGOW. Laboratory of Marine Biology, Millport. Station on Loch Lomond for Freshwater Biology.

ST ANDREWS. Research facilities at Gatty Marine Laboratory.

BELFAST. Marine Biology Station at Portaferry, Co. Down, run in conjunction with the Departments of Botany and Zoology.

AMBLESIDE (Westmorland). Freshwater Biological Association, Wray Castle.

PLYMOUTH. Laboratory of the Marine Biological Association of the United Kingdom, Citadel Hill, Plymouth.

MATHEMATICS

Facilities for study at all universities (London: Bedford, Birkbeck, Imperial, King's, Queen Mary, Royal Holloway, University and Westfield Colleges; also Battersea, Chelsea, Northern and Woolwich Polytechnics, Sir John Cass College and West Ham College of Technology) and university colleges and at many technical and commercial colleges. Degrees with Honours, or Special degrees, may be awarded by all universities. There are courses at Exeter and Leicester for London external degrees.

Cambridge awards postgraduate diploma (yr.) in Numerical Analysis and Automatic Computing.

MEDICAL ILLUSTRATION

EDINBURGH. Certificate (3 yrs.)

MEDICAL STATISTICS

See Vital Statistics.

MEDICINE AND SURGERY

See also under special subjects such as Anaesthetics, Cardiology, etc.

N.B. ( ) Medical Schools are at present meeting heavy demands from British students and consequently there can be few vacancies for students from overseas.

(2) *Foreign students who wish to take first degrees in medicine and surgery should realize that they are not likely to be permitted to remain in this country after completing their courses, and that the number of those who can be admitted to such courses is extremely limited.*

Qualifying Degrees

First degrees in Medicine and Surgery—M.B., Ch.B. (M.B. B.Chir. Cambridge; M.B., B.S., Durham and London; B.M., B.Ch., Wales M.B., B.Ch., B.A.O., Belfast)—are awarded by all universities except Hull, Nottingham, Reading and Southampton. Cambridge provides pre-clinical, but not clinical, courses there is postgraduate medical school. The regulations for first degrees are generally uniform. Satisfactory attendance is required during at least five years (generally six) at recognized courses of study and hospital practice. At Oxford candidates must graduate B.A. before admission to medical degree. Other qualifications are the diplomas awarded by the Royal College of Physicians of London and the Royal College of Surgeons of England (L.R.C.P.Lond. M.R.C.S.Eng.) by the Society of Apothecaries, London (L.M.S.S.A.Lond.) and by the Conjoint Board of the Royal College of Physicians of Edinburgh, the Royal College of Surgeons of Edinburgh and the Royal Faculty of Physicians and Surgeons of Glasgow (L.R.C.P.(Edin.) L.R.C.S.(Edin.) L.R.F.P. and S.(Glas.))

Higher Qualifications

Higher degrees in medicine—M.D. (D.M., Oxford)—are awarded by all universities except Hull, Nottingham, Reading and Southampton; each university which awards them (with exceptions mentioned below) these degrees are open only to persons who have taken their Bachelor' degree in medicine and surgery at the university. At Birmingham and Bristol graduates in medicine and surgery of other approved universities may present themselves for the degree of M.D. after two years of approved study in the university.

Similar degrees in surgery—Ch.M. (M.Chir., Cambridge; M.S., London; M.Ch., Oxford, Wales and Belfast)—are awarded by all universities except Durham, Hull, Nottingham, Reading and Southampton each university which awards them (with exceptions mentioned below) these degrees are open only to persons who have taken their Bachelor degree in medicine and surgery at the university. At Birmingham, Bristol and Liverpool, graduates in medicine and surgery of other approved universities may present themselves for the degree of Ch.M. after two years of approved study in the university.

The University of Liverpool grants the degree of M.Ch.Orth. Candidates must be graduates in Medicine of Liverpool or of some other approved university or graduates in Faculty other than Medicine who are Fellows of the Royal College of Surgeons of England, Edinburgh, Ireland, Australasia, Canada, or of the American College of Surgeons. Attendance and study at Liverpool during 3 months before examination are required.

The University of Durham awards the D.Ch. (Doctor of Surgery) which is open only to graduates of the University.

Membership of the Royal College of Physicians of London (M.R.C.P.Lond.) and of the Royal College of Physicians of Edinburgh (M.R.C.P.Ed.) is conferred by examination. Particulars may be obtained from the Secretary, Royal College of Physicians, Pall Mall East, London, S.W. and from the Secretary Royal College of Physicians of Edinburgh, 9 Queen Street, Edinburgh 2.

The Royal College of Surgeons of England and the Royal College of Surgeons of Edinburgh grant Fellowships (F.R.C.S.Eng. and F.R.C.S.Ed.) to those passing the required examination, details of which may be had from the Examination Secretary, Examination Hall, Queen Square, London, W.C. , and from the Clerk of the Royal College of Surgeons of Edinburgh, Surgeons' Hall, 8 Nicolson Street, Edinburgh.

The Royal Faculty of Physicians and Surgeons of Glasgow grants a Fellowship (F.R.F.P.S Glas.) by examination in Medicine or Surgery. Information is obtainable from the Secretary at 242 St. Vincent Street, Glasgow C.2

The University of London has established the British Postgraduate Medical Federation for the further development of postgraduate medical education. Information may be obtained from the Central Office of the Federation at 2 Gordon Square, London, W.C.

METALLURGY AND METALLURGICAL CHEMISTRY

BIRMINGHAM, B.Sc. Honours courses in Physical Metallurgy and in Industrial Metallurgy. Diploma of Graduate Studies in Metallurgy (yr.).

CAMBRIDGE, B.A. (Natural Sciences Tripos)

DURHAM, B.Sc. in Metallurgy. Courses at King's College, Newcastle upon Tyne.

LEEDS, B.Sc. Honours School of Fuel and Metallurgy. Diploma (3 yrs.) in *Mining and Metallurgy.* Postgraduate diploma (yr.). *Research facilities.*

LIVERPOOL, B.Eng.

LONDON, B.Sc.(Eng.) in Metallurgy. Courses for degree and diploma (Associateship of Royal School of Mines) and facilities for research at Imperial College of Science and Technology. Courses also at Battersea Polytechnic and at Sir John Cass College.

MANCHESTER, B.Sc. in Metallurgy. B.Sc.Tech., certificate. Courses at University and at College of Technology.

NOTTINGHAM, B.Sc. *Honours in Metallurgy. May also be taken as subsidiary subject in the Honour School of Chemistry.*

SHEFFIELD, B.Met. in Ferrous Metallurgy and Non-Ferrous Metallurgy. Research Department. Postgraduate School of Physical Metallurgy. Postgraduate diploma in Physical Metallurgy (yr.)

WALES, B.Sc. Courses at Cardiff and Swansea. College diplomas (3 yrs.)

EDINBURGH, B.Sc. in Mining and Metallurgy. Courses at University and at Heriot Watt College.

GLASGOW, B.Sc. Applied Chemistry (Metallurgy). Courses at University and at Royal Technical College. College Associateship (4 yrs.)

Three-year courses leading to the external degree of B.Sc.(Eng.) in Metallurgy *of the University of London,* to college *diploma* or associateship, and to the associateship of the Institution of Metallurgists are arranged in many technical colleges, the major ones being named below. Those marked with † have facilities for research.

BIRMINGHAM College of Technology.

COVENTRY Technical College.†

GLASGOW Royal Technical College (Four-year course leading to Associateship) †

LONDON. Battersea Polytechnic.†
Sir John Cass College.†

MIDDLESBROUGH. Constantine Technical College.

WOLVERHAMPTON and Staffordshire Technical College. (Four-year course.)

METEOROLOGY

CAMBRIDGE, B.A. (Geographical Tripos). Facilities for research.

LONDON. Facilities for postgraduate work at Imperial College of Science and Technology Courses leading to diploma or higher Science Degree (2 yrs)

OXFORD University Demonstrator in Meteorology in Department of Physics.

EDINBURGH, M.A., B.Sc.

MICROBIOLOGY

BIRMINGHAM. Included in course for Honours B.Sc. in Applied Biochemistry

BRISTOL, B.Sc. in General Science. Testamur in Bacteriology and Microbiology (yr postgraduate)

CAMBRIDGE. Research facilities.

LEEDS, B.Sc. Research facilities

LONDON, M.Sc. Research facilities at Birkbeck, Imperial, King's and University Colleges, and at certain medical schools; London School of Hygiene and Tropical Medicine; Lister Institute, also at National Institute for Medical Research and Rothamsted Experimental Station.

MANCHESTER. Research facilities.

NOTTINGHAM, B Sc. Subsidiary subject only

OXFORD. Research facilities.

READING, B.Sc. Honours. Postgraduate research facilities

SHEFFIELD. Diploma (1 yr postgraduate or equivalent)

ABERDEEN, B Sc. Included in Biological Chemistry course.

EDINBURGH. Research facilities.

GLASGOW Research facilities.

ST ANDREWS, M.B Ch.B.

BELFAST B.Sc. Included in Pharmaceutical and Chemical Technology courses.

MILITARY STUDIES

LONDON. Military Studies is one of the optional subjects for B.Sc. (General)

OXFORD, *B.A. (Honour School of Modern History)*

MINERALOGY AND CRYSTALLOGRAPHY

BIRMINGHAM, B.Sc.

CAMBRIDGE, B.A. (Natural Sciences Tripos)

DURHAM, B.Sc.

LEEDS, B.Sc.

LONDON, M Sc. in Crystallography at University College Research facilities also at Birkbeck Imperial and King College.

MANCHESTER. Research facilities in Crystallography

OXFORD, B.A. (Honour School of Natural Science: Geology)

SHEFFIELD, B.Sc.(Geology B Met.

ABERDEEN, B.Sc.

EDINBURGH, M.A., B.Sc.

GLASGOW B.Sc.

ST. ANDREWS, M.A., B.Sc.
BELFAST B.Sc.

GLASGOW Royal Technical College. Associateship course (4 yrs.)

MINING AND MINING ENGINEERING (Coal and Metalliferous)

BIRMINGHAM, Honours, or Ordinary B.Sc. in Mining Engineering (Coal or Metal) Facilities for postgraduate work.

DURHAM, B.Sc. in Mining. Courses at King's College, Newcastle upon Tyne

LEEDS, B.Sc. in Mining (Coal, Metal and Oil) Courses in Mine Surveying, Applied Geophysics, Colliery Mechanical and Electrical Engineering; and in Mineral Dressing and Selective Flotation of Minerals, including preparation, analyses, sale and distribution of coal. Research in Mining, Applied Geophysics, and Selective Flotation.

LONDON, B.Sc. (Eng.) in Mining Courses at Imperial College (which includes the Royal School of Mines) Associateship diploma (4 yrs.) Postgraduate courses leading to diploma of Membership of the College. Special courses for graduates and persons engaged in scientific and industrial pursuits. Mining research laboratory B.Sc. in Mining Geology; course at Imperial College.

NOTTINGHAM, B.Sc. Facilities for research.

SHEFFIELD, B.Eng. (Mining) Research laboratories for Mining and Fuel Technology Postgraduate School of Mining

WALES, B.Sc. Courses in Mining and Mine Surveying at Cardiff University College. College diploma in Metalliferous Mining (3 yrs.) Facilities for research.

EDINBURGH, B.Sc. in Mining. Degree courses and course leading to College diploma (3 yrs.) at Heriot Watt College. Mining Department offers facilities for research and contains the Mine Rescue Station.

GLASGOW B.Sc. Certificate of Proficiency in Mining Engineering (3 yrs.) Courses at University and at Royal Technical College. College Associateship (4 yrs.)

BARNSLEY Mining and Technical College MANSFIELD Technical College DONCASTER Technical College.	One year course leading to the First Class Mine Managers Certificate.

CAMBORNE School of Metalliferous Mining. Three-year associateship course.

CANNOCK Mining College. Two-year 'Sandwich' course for the Higher National Certificate in Mining.

TREFOREST Glamorgan Technical College. Four year course for the diploma in Coal Mining, and two-year 'Sandwich' course for Colliery Manager's Certificate.

WIGAN, Wigan and District Mining and Technical College. Three-year course for external B.Sc. in Mining of the University of London, and the college diploma. Postgraduate courses available.

MUSIC

Bachelor's degrees in music—B.Mus. (Mus.B., Cambridge and Manchester Mus.Bac., Edinburgh)—are awarded by all universities except Liverpool, Reading, Southampton, Aberdeen and St. Andrews. (Wales: Aberystwyth, Bangor and Cardiff.) The course generally extends over three academic

years, though at Bristol and Sheffield the B.Mus. may be obtained one year after the B.A. of the university (with Music as subject in both parts of the B.A. course) and t Cambridge the Mus B. may be obtained one year after Honours in the Mus. Tripos.

Music can also be studied as part of B.A B.A.(Mus.) B.A.(General), B.A. (Honours), or B.A.(Special Studies) (Scottish Universities, M.A.) degree courses at all universities and, for the external degrees of the University of London, t all university colleges except North Staffordshire. The degree of B.A. (Scottish Universities, M.A.) with Honours in Music (sometimes in combination with a second subject) may be awarded by the Universities of Cambridge, Durham, Hull, Oxford, Reading, Sheffield, Wales (Aberystwyth, Bangor and Cardiff) Aberdeen and Glasgow A diploma in Music (yr) is awarded by the University of Oxford.

The degree of Master of Music—M.Mus. (Mus.M., Cambridge)—is conferred by the Universities of Cambridge and Wales only upon graduates in Music of the University but by the University of Birmingham also upon graduates of approved universities after one year's further study t Birmingham.

The degree of Doctor of Music—D.Mus. (Mus.D., Cambridge and Manchester: Mus Doc Edinburgh)—is conferred by all those Universities (except Leeds and Nottingham) which award the B.Mus., Mus.B. or Mus.Bac., but is open only to graduates of the University granting the degree except at Durham, Manchester and Glasgow

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Colleges and Academies of Music

BIRMINGHAM and Midland Institute, School of Music. Students are prepared for various degrees; Teachers Training course.

CROYDON Royal School of Church Music, Addington Palace. Full courses last at least three terms.

GLASGOW Royal Scottish Academy of Music. Diploma Dip.Mus.Ed. R.S.A.M. (Diploma in Musical Education, Royal Scottish Academy of Music). Students also prepared for recognised professional examinations (L.R.A.M. and A.R.C.M., etc.) All branches of musical education are covered, and classes of Dalcroze Eurhythmics are also held.

LONDON. Royal Academy of Music. Diploma L.R.A.M. (Licentiate of the R.A.M.). Special courses in the training of Conductors, and in Operatic work. Teachers Training course. Students also prepared for the music degrees of London and other British universities.

Royal College of Music. Diplomas A.R.C.M. (Associate of the R.C.M.) G.R.S.M. (Graduate of the Royal Schools of Music) Comprehensive training in musical education with specialist classes in wide range of subjects including Conducting and Operatic work. Teachers' Training course.

Trinity College of Music. Diplomas L.T C.L. (Licentiate of the College), L.T.C.L. (T T.D) (Training of Teachers Diploma), G.T.C.L. (Graduate of the College—for teachers). Comprehensive training in all musical subjects and specialist subjects. Teachers' Training course. Students are prepared for the University of London degrees in music.

Guildhall School of Music. Diplomas L.G.S.M. (Licentiate of the G.S M.), A.G.S.M. (Associate of the G.S.M.) Training in all recognized musical subjects. Students accepted for complete education in Music, or private tuition in single subject. Teachers Training courses.

Royal College of Organists. Diplomas A.R.C.O (Associate of the College) F.R.C.O (Fellow of the College)

The London Violoncello School. Students are prepared for L.R.A.M., A.R.C.M. and Associated Board Examinations I addition to private lessons, classes are also held for cello quartet and string quartet.

Royal Military School of Music. Courses are open to those holding Regular Army engagements. Course for Bandmastership (3 yrs.); also instrumental course.

MANCHESTER. Royal Manchester College of Music. Diploma A.R.M.C.M. (Associate of the Royal Manchester College of Music). Students also prepared for other recognized professional degrees (L.R.A.M., A.R.C.M., etc.). All branches of musical education can be studied, including Conducting and Operatic work.

SHREWSBURY Royal Normal College and Academy of Music for the Blind. The residential course (4 yrs.) in Piano, Organ or Singing is open to students from overseas, and they are prepared for the usual diplomas in music.

NAVAL ARCHITECTURE

See Engineering, Civil, Electrical and Mechanical.

NAVIGATION

SOUTHAMPTON School of Navigation prepares candidates for all grades of Ministry of Transport certificates.

Courses for all grades of Ministry of Transport certificates are given

DUNDEE Technical College, School of Navigation.

GLASGOW Royal Technical College

HULL Boulevard Nautical School.
Adult Navigation School, Trinity House.

LEITH Nautical College.

LONDON Sir John Cass College.

Other short full-time courses in navigation are available at

ABERDEEN. Robert Gordon's Technical College.

BELFAST College of Technology

BRISTOL College of Technology

CARDIFF College of Technology and Commerce.

FLEETWOOD Navigation School.

GREENOCK. Watt Memorial Engineering and Navigation School.

GRIMSBY Nautical School.

LIVERPOOL. City Technical College.

LONDON. King Edward VII Nautical School.

LOWESTOFT Technical Institute.

PLYMOUTH and Devonport Technical College.

SOUTH SHIELDS Marine and Technical College.

NEUROLOGY

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton. Facilities for research or advanced study at Birmingham, Cambridge, Leeds, Oxford, Sheffield, Edinburgh and Glasgow

LONDON University Institute of Neurology National Hospital for Nervous Diseases, Queen Square, London, W.C. Postgraduate clinical courses in neurology, the anatomy and physiology of the nervous system and in neurosurgery. Facilities for research.

Courses are also arranged by the Fellowship of Postgraduate Medicine.

NORTH AMERICAN STUDIES

American History usually forms part of history courses for an Arts degree. Attention is also drawn to the following:

MANCHESTER, B.A. Ordinary. Facilities for research.

NORWEGIAN

See Scandinavian Languages and Studies.

NUMISMATICS

See Archaeology

NURSING

N.B. Applications may be made to the Nursing Recruitment Service, Cavendish Square, London, W , to the Nursing Appointments Office Ministry of Labour and National Service, 16 Tavistock Square, London, W.C. , or to the matrons of particular hospitals.

Applicants in British Colonies for pre-registration courses should apply first to the Director of Education of the colony. Applications for post-registration courses should be made to the Director of Medical Services.

Pre-registration courses

- i. General Nursing. Three years training in hospitals approved by the General Nursing Council, leading to State Registration in General Nursing.
- ii. Nursing of Sick Children. Three-year course leading to State Registration.
- iii. Mental Nursing and Mental Deficiency Nursing. Three-year course leading to State Registration.
- iv. Fever Nursing. Two-year course leading to State Registration.
- Assistant Nurses. Two-year course leading to State Enrolment.
- vi. Tuberculosis Nursing. Two-year course (year if taken after general training) in hospitals approved by the British Tuberculosis Association, leading to tuberculosis nursing certificate.
- vii. Orthopaedic Nursing. Two-year course (one year if taken after general training) in hospitals approved by the British Orthopaedic Association, leading to orthopaedic nursing certificate after State Registration.
- viii. Midwifery. Two-year course (one year if taken after general training) in hospitals approved by the Central Midwives Board, leading to qualification as State Certified Midwife.

Student Nurses in training for the General, Sick Children and Fever nursing parts of the State Register are paid an allowance of £225–£230 per annum, and for those in training for the Mental or Mental Defectives parts of the Register the allowance is £235–£280 per annum. In addition, proficiency allowances of £40 and £30 respectively are payable to student mental nurses on passing the Preliminary and Final examinations.

Those in training for enrolment as assistant nurses, or for the certificate of British Orthopaedic Association and the Central Council for the Care of ... are paid an allowance of £125–135 per annum, whilst students ... for the certificate of the British Tuberculosis Association are paid ... and in addition receive an allowance of £60 at the end ... in training in tuberculosis nursing.

... students pay back to the hospital £ 08 per annum ... Dependants allowances are given where applicable ... the allowance is £250–250 per annum for ... conditions as above.

Post-registration courses

A. Basic

W... (... months) provided by the Royal College of Nursing ... King Edward's Hospital Fund ...

Health Visitor ... Royal Sanitary Institute. Courses ... Institutions—full list obtainable ... Buckingham Palace Road, London, S.W.

(iii) Industrial Nursing ... provided by the University of Birmingham ... Hospital (yr.) (Royal College of Nursing Cert. ...) ... College of Nursing (6 months)

(iv) District Nursing Cert. ... provided by the Queen's Institute of District Nursing and the ... Nurses

Tuberculosis Nursing Certificates. Courses ( ) provided by ... approved by the British Tuberculosis Association and the ... Hospital for ... and Diseases of the Chest (Hospital ...)

... Nursing Certificate. Courses (3–6 months) provided by ...

B. Advanced

Diplomas in Nursing are granted by the University of London ... Courses ... for the London Diploma available at the Royal College of Nursing, Henrietta Place, Cavendish Square, London, W.

Sister Tutors' Certificates or Diplomas are granted by the Universities of Edinburgh, Hull and London. Courses (yrs.) are provided by the Royal College of Nursing Scottish Board (Edinburgh), Battersea Polytechnic, Queen Elizabeth College and the Royal College of Nursing.

(iii) Nursing Administration Certificate ( ) Hospital, (b) Public Health ... Industrial. Courses (yr.) provided by the Royal College of Nursing.

(iv) Health Visitor Tutors' Industrial Nurse Tutors' District Nurse Tutors' Certificates. Courses (yr.) provided by the Royal College of Nursing.

Midwife Teachers Diploma of the Central Midwives Board. Courses (part-time 4 months) provided in connection with Birmingham ... Bristol Universities and the Royal College of Midwives, London. Full-time 6-months course at the Midwife Teachers Training College, Kingston upon Thames.

(vi). Tea... ...tant Nurses. Courses (month) provided by the Royal College ...

NUTRITION

See Dietetics.

OBSTETRICS AND GYNAECOLOGY

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton.

CAMBRIDGE Facilities for research or advanced study

LONDON. The Institute of Obstetrics and Gynaecology in association with Queen Charlotte's Maternity Hospital, Chelsea Hospital for Women and the Department of Obstetrics and Gynaecology at the Postgraduate Medical School of London. Postgraduate clinical work throughout the year lectures and demonstrations during two ten-week terms annually. Two intensive revision courses annually of two weeks duration. Facilities for research. Limited facilities for general practitioners to attend hospital practice.

BELFAST B.A.O. (awarded only with M.B., B.Ch.) and postgraduate M.A.O. (Obstetrics) (open only to graduates of the University).

The Royal College of Obstetricians and Gynaecologists awards Diploma in Obstetrics (D.Obst.) upon examination. The Membership of the College (M.R.C.O.G.) is conferred on medical graduates satisfying the regulations and passing the required examination. Particulars of the regulations for both the Diploma and Membership may be obtained from the Secretary, Royal College of Obstetricians and Gynaecologists, 58 Queen Anne Street, London, W.

The Society of Apothecaries of London grants Mastery of Midwifery (M.M.S.A.) upon examination in Obstetrics, Paediatrics and Public Health. Regulations may be obtained from the Registrar, Apothecaries Hall, Blackfriars Lane, London, E.C.4. Postgraduate courses are also arranged by the Edinburgh Postgraduate Board for Medicine and the Fellowship of Post Graduate Medicine.

OCEANOGRAPHY

See *Marine Biology*.

PETROLEUM TECHNOLOGY

See also *Fuel Technology*.

BIRMINGHAM, B.Sc. Honours in Chemical Engineering with special reference to Oil Technology and to Petroleum Production. Facilities for postgraduate work.

LONDON, B.Sc. in Oil Technology Courses. Imperial College of Science and Technology. Facilities for postgraduate work.

OPHTHALMOLOGY

Included in courses for first degrees in Medicine which are awarded by all Universities except Hull, Nottingham, Reading and Southampton.

BIRMINGHAM. Postgraduate courses.

CAMBRIDGE. Facilities for advanced study

LONDON. London University Institute of Ophthalmology in association with the Moorfields, Westminster and Central Eye Hospitals. Advanced postgraduate clinical courses. Facilities for research.

MANCHESTER. Facilities for research.

GLASGOW. Facilities for research.

A postgraduate diploma is awarded by the Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England. Particulars from the Secretary of the Examining Board, Examination Hall, Queen Square, London, W.C.

Diplomas of Fellowship are awarded by the Royal College of Surgeons of England, the Royal College of Surgeons of Edinburgh, and the Royal Faculty of Physicians and Surgeons of Glasgow after examination in Ophthalmology and Surgery

OPTICAL TRADES AND OPHTHALMIC OPTICS

No university courses.

The examining bodies in Ophthalmic Optics are five in number: the British Optical Association, the Worshipful Company of Spectacle Makers, the National Association of Opticians, the Scottish Association of Opticians and the Institute of Optical Science. Full-time courses are held at certain recognised training colleges (see below) and last three years. On the successful completion of the course and the passing of the examination of the examining body concerned, a diploma is granted, provided the candidate is [illegible] years of age. In the case of the British Optical Association a further year of clinical experience is necessary before this diploma is given. This is also the requirement for admission to the *List of Opticians* recognised for National Health Service work. Some of the examining bodies have higher diplomas, usually referred to as Honours Fellowships, or hold examinations on such subjects as contact lens practice or orthoptics. Further details may be obtained from the Joint Advisory Board of the Optical Profession, 65 Brook Street, London, W 1

BELFAST College of Technology

BIRMINGHAM College of Technology

BRADFORD Technical College.

CARDIFF College of Technology and Commerce.

EDINBURGH. Heriot Watt College.

GLASGOW Glasgow Refraction Hospital.
Stow College.

LONDON London Refraction Hospital.
Northampton Polytechnic.
West Ham College of Technology

MANCHESTER College of Technology

OPTICS

Courses in Department of Physics at all universities.

LONDON Facilities for advanced study at Imperial College of Science and Technology. Facilities for part-time advanced study of Applied Optics at the Northampton Polytechnic.

MANCHESTER. Facilities for advanced study at College of Technology

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EDINBURGH. Heriot-Watt College. Three-year course leading to college certificate.

ORIENTAL LANGUAGES AND STUDIES

See also Egyptology.

BRISTOL, B.A. General and Theology degree (Hebrew)

CAMBRIDGE, B.A. (Oriental Languages Tripos) Diplomas in each of the following: Arabic, Aramaic, Assyrian, Chinese, Egyptology, Hebrew, Old Iranian, Western Middle Iranian, Japanese, Pali, Persian, Sanskrit, Tibetan.

DURHAM, B.A. (Honours Schools of Classical Hebrew and Old Testament Studies, Ancient Egyptian and Nubian Studies, Classical Arabic and Islamic Studies, and Modern Arabic Studies) Diploma in Arabic (1 yr) Courses at Durham Colleges.

LEEDS, B.A. Special Studies course in Semitic Languages and Literatures including Hebrew Language and Literature of all periods, Eastern and Western Aramaic.

Optional courses are available in advanced Syriac and Arabic. B.A. General Studies courses in Hebrew Arabic, Aramaic and Syriac. Diploma in Hebrew (2 yrs., part-time). Certificate in teaching of Hebrew (post-diploma, yr). Facilities for research or advanced study linguistic, literary historical or archaeological—which may lead to Higher Degrees.

LIVERPOOL, B.A. in Oriental Studies.

LONDON. The University of London School of Oriental and African Studies gives courses in many Oriental languages, including the following, the study of most of which may lead to University degrees (B.A. and higher degrees) and/or School diplomas or certificates: Arabic (classical † and various dialects), Amharic Aramaic, Armenian, Assamese, Bengali,† Burmese,† Chinese † and other Sino-Tibetan languages, Ethiopic, Georgian, Gujarati,† Hindi,† Hindustani, Indonesian and other Austronesian languages, Iranian languages, Japanese † and other Far Eastern languages, Kanarese, Malay † Malayalam, Marathi,† Modern Hebrew Nepali, Pali,† Persian,† Panjabi, Prakrit, Sanskrit,† Sinhalese,† Syriac, Tamil † and Telugu, Eastern and Western Turkish, Urdu,† Vietnamese and other Mon-Annamese languages. There are also courses, some of which may lead to University degrees and/or School diplomas in the history and political institutions, law and culture of many Oriental regions also in Oriental art, archaeology philosophy and social anthropology There are courses in general linguistics and comparative grammar and facilities for research in the phonetics and phonology of Asiatic and African languages.

Courses in Hebrew † for B.A. degree at University College and Jews College, and in Aramaic at University College.

† A B.A. Honours degree may be taken in this subject.

MANCHESTER, B.A. Honours in Oriental Studies (Hebrew Aramaic Syriac and Post-Biblical Hebrew; Arabic; Accadian and Sumerian or Persian) Hebrew Egyptian, Persian and Arabic may be offered as subjects for the Ordinary degree of B.A.

OXFORD, B.A. Honour School of Oriental Studies (Arabic, Aramaic and Syriac, Armenian, Babylonian and Assyrian, Chinese Coptic, Egyptian, Ethiopic, Hebrew Old Persian and Avestan, Pahlavi and Pazand, Pashto, Prakrit, Pali, Persian, Sanskrit, Turkish; except in Chinese one main language must be combined with one or two subsidiary languages. Chinese is taken alone).

WALES, B.A. Honours in Hebrew Courses at Bangor and Cardiff University Colleges. Arabic may be taken as subsidiary subject Bangor and Cardiff, and Syriac at Bangor

ABERDEEN, M.A. Arabic, Hebrew and Syriac may be offered as subjects for the Ordinary degree.

EDINBURGH, M.A. Honours in Arabic, Sanskrit and Semitic languages (Arabic, Aramaic, Avestan, Hebrew Pali, Prakrit, Sanskrit, Syriac, Turkish, Urdu. Arabic may be offered in combination with Spanish) Postgraduate diploma in Islamic Studies (1 yr).

GLASGOW M.A. Honours in Semitic Languages (Hebrew and Arabic). Arabic may also be offered (for M.A. Honours) in combination with certain other modern languages or music. Also courses in Arabic Aramaic Assyrian, Hebrew Syriac. Postgraduate diploma in Islamic History (yr).

ST ANDREWS, M.A. Honours in Hebrew and Arabic, Hebrew and Semitic languages. Arabic may also be offered in combination with other modern languages.

ORTHOPAEDIC SURGERY

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton. Facilities for advanced study or research at Cambridge, Durham, (King' College Newcastle upon Tyne) Manchester Oxford, Sheffield, Edinburgh, Glasgow and Belfast

LIVERPOOL, M.Ch.Orth.

LONDON, London University, Institute of Orthopaedics. Postgraduate clinical courses. Facilities for research.

OTOLOGY

See Laryngology.

PAEDIATRICS

See Child Health.

PALAEOGRAPHY AND DIPLOMATIC

Mainly Honours courses and advanced study

BIRMINGHAM. Postgraduate studies as desired in School of History

CAMBRIDGE. Course mainly for research workers.

DURHAM. Facilities for research in Department of Palaeography and Diplomatic in Durham Colleges.

LIVERPOOL, B.A. (School of History Medieval and Modern) Diploma in Study of Records and Administration of Archives (yr)

LONDON Courses in Palaeography and Archives at University College (School of Librarianship) in Palaeography and Diplomatic and the Study of Archives at King' College and in Arabic, Hebrew and Indian Palaeography and Epigraphy at the School of Oriental and African Studies. The School wards special diplomas in Indian Palaeography and Epigraphy and in Hebrew Palaeography and Epigraphy Classes in Palaeography t Institute of Historical Research facilities for training of postgraduate students in methods of historical research.

MANCHESTER. Special lecturer in Palaeography

OXFORD. Courses for probationer research students in English and History

WALES. Postgraduate courses at Aberystwyth University College and at Cardiff University College. College diplomas (yr) are granted in Semitic Palaeography or Medieval and Modern Writing at Cardiff University College.

EDINBURGH, M.A. (Honours course in Scottish History).

GLASGOW Non-graduating courses.

ST ANDREWS, M.A. Introductory courses in Scottish and Medieval History

BELFAST B.A. Special Lectures in Palaeography and Diplomatic in Department of History

PAPER TECHNOLOGY

MANCHESTER, B.Sc.Tech and certificate. Courses at College of Technology

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LONDON School of Printing and Graphic Arts (3 yrs.)

PARASITOLOGY AND HELMINTHOLOGY

Some courses included in curricula for diplomas in Public Health at most universities.

CAMBRIDGE, B.A. Research facilities at Molteno Institute of Biology and Parasitology

LIVERPOOL. Diploma in Tropical Medicine and Hygiene.

LONDON. Department of Parasitology London School of Hygiene and Tropical Medicine. In addition to other courses, short course in Applied Helminthology Special subject for B.Sc. Zoology and postgraduate study Imperial College.

WALES. Special subject in Honours B.Sc. course at Aberystwyth University College. Facilities for postgraduate study in Department of Agriculture (Animal Husbandry)

EDINBURGH, B.Sc. Diploma in Tropical Medicine and Hygiene.

GLASGOW B.Sc. (Public Health) Postgraduate diploma in Public Health (½ yrs.).

PATHOLOGY

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton.

Degrees (B.Sc.) with Honours in Pathology may be awarded by the Universities of Glasgow and St. Andrews Postgraduate diploma in Clinical Pathology (yr) awarded by the University of London.

The Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England awards diploma in Pathology (D.Path.) Full particulars may be obtained from the Secretary of the Examining Board, Examination Hall, Queen Square, London, W.C.

PERSIAN

See Oriental Languages and Studies.

PERSONNEL MANAGEMENT

See Management Subjects.

PHARMACY

LEEDS, B.Sc. (Pharmacy or Pharmacology as principal subject.)

LONDON, B.Pharm. Courses at School of Pharmacy and at Chelsea Polytechnic for degree and other examinations. Facilities for research at both institutions.

MANCHESTER, B.Sc. in Pharmacy Facilities for research in Pharmacy and Pharmacology

NOTTINGHAM, B.Pharm.

WALES, B Pharm. First part (yr) at any one of the four constituent Colleges. Second part (yrs.) at Welsh National School of Medicine in association with Cardiff College of Technology and Commerce.

EDINBURGH, B.Sc. in Pharmacology

GLASGOW B Sc. in Pharmacy Courses t University and at Royal Technical College.

BELFAST B.Sc. in Pharmaceutics. Courses at College of Technology

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Courses leading to the qualifying examination of the Pharmaceutical Society (17 Bloomsbury Square London, W C.) are held at the Universities of Manchester and Nottingham and at the following institutions

ABERDEEN. Robert Gordon Technical College.

BIRMINGHAM College of Technology

BRADFORD Technical College.

BRIGHTON Technical College.

BRISTOL College of Technology

CARDIFF College of Technology and Commerce.

DUNDEE Technical College.

EDINBURGH. Heriot Watt College.

GLASGOW Royal Technical College.

LIVERPOOL College of Technology

LEICESTER College of Technology

LONDON. London University School of Pharmacy
Chelsea Polytechnic.

PLYMOUTH AND DEVONPORT Technical College.

PORTSMOUTH Municipal College.

SUNDERLAND Technical College.

Most of the institutions above are approved by the University of London for courses leading to the external degree of Bachelor of Pharmacy

PHILOLOGY (including Phonetics)

Facilities for the study of English, French, German and Classical Philology are available at all universities. Special branches of the subject may be studied at the universities mentioned below

CAMBRIDGE. Comparative Philology

HULL. Phonetics may be offered as special subject for B.A. Special degree in English Language and Literature.

LEEDS. Phonetics may be offered as a subject for B.A. (General Studies)

LIVERPOOL. Comparative Philology

LONDON. Classical, Romance, Germanic and Slavonic Philology taught in several institutions of the University Academic postgraduate diplomas in Comparative Philology (1 yr.) and in Phonetics (yrs.) Department of Phonetics at University College provides courses in Phonetics of European languages and in Experimental Phonetics and Linguistics; special courses in Spoken English for foreign students facilities for research. There is Department of Linguistics and Phonetics at the School of Oriental and African Studies, offering courses in practical phonetics, general linguistics, comparative grammar of Indo-European and other language groups facilities for research in phonetics and phonology of Asiatic and African languages. The School of Slavonic and East European Studies provides courses in Slavonic Philology

MANCHESTER. Romance Philology Comparative Semitic Philology

OXFORD. Classical Philology Postgraduate diploma in Comparative Philology (yr.) Fuller information from the Professor of Comparative Philology Worcester College, Oxford.

WALES. Romance Philology at Aberystwyth, Bangor and Cardiff.

ABERDEEN. Comparative and Romance Philology

EDINBURGH. Comparative, Germanic and Romance Philology. Diploma in Linguistics (1 yr). Diploma in Phonetics (1 yr).

GLASGOW. Comparative and Romance Philology. Phonetics.

BELFAST. Romance and Teutonic Philology.

PHILOSOPHY

Courses at all universities (London: Bedford, Birkbeck, King's and University Colleges; certain aspects at London School of Economics) and university colleges (except Leicester). Degrees with Honours, or Special degrees, in Philosophy may be awarded by all universities. There are courses at Exeter for London external degrees.

PHONETICS

See Philology.

PHOTOGRAPHY

No university courses.

BLACKPOOL. Technical College and School of Art. Two-year course.

GUILDFORD. School of Art. Two-year course.

LEEDS. College of Technology and Commerce. Two-year diploma course in Photographic and Lithographic Reproduction processes.

LONDON. Ealing Technical College and School of Art. Two-year course.
School of Printing and Graphic Art. Two-year course in Photo-engraving and in Commercial and Technical Photography.
The Polytechnic, Regent Street. One- and two-year courses.
South-West Essex Technical College and School of Art. Two-year course.

MANCHESTER. College of Technology. Two-year courses in Photography and Photo-Mechanical Processes.

NOTTINGHAM. College of Art and Crafts. Two-year course.

PHYSICAL EDUCATION

BIRMINGHAM. B.A. Physical Education may be offered as a subject for the degree of B.A. in General Subjects.

BRISTOL. May be offered as a subject for Institute of Education certificate for graduate students.

DURHAM. May be offered as a subject for Institute of Education certificate for graduate students.

LEEDS. Advanced course in Physical Education forms part of the course for the graduate certificate in Education.

LIVERPOOL. Course in Physical Education forms part of courses for diploma and certificate in Education.

LONDON. External diploma in Theory and Practice of Physical Education. Course extends over at least 3 years and must be taken at an institution approved by the university for this purpose.

MANCHESTER. Department of Physical Education.

SHEFFIELD. Course in Physical Education forms part of the course for the diploma in Education.

SOUTHAMPTON. May be offered as a subject for Institute of Education certificate for graduate students.

ABERDEEN Department of Physical Education.

EDINBURGH. Department of Physical Education.

GLASGOW Non-graduating classes in Physical Training

ST ANDREWS. Department of Physical Education.

BELFAST Department of Physical Education.

Courses for Men

CARDIFF City of Cardiff Training College (1 yr course for graduates and qualified teachers)

CHELTENHAM. St. Paul's College (yr course for graduates and qualified teachers).

EXETER. St. Luke' College (yr course for graduates and qualified teachers).

GLASGOW Scottish School of Physical Education and Hygiene (3 yrs.).

LEEDS. Carnegie College (yr course for graduates and qualified teachers)

LOUGHBOROUGH Training College (yr course for graduates and qualified teachers; also courses of 1 or yrs., or 3 yrs. diploma course)

YORK. St. John's College (1 yr course for graduates and qualified teachers)

Less extensive courses are provided by certain training colleges during th two years training for the Teachers' Certificate

Courses for Women

ABERDEEN. Dunfermline College of Hygiene and Physical Education (3 yrs.)

BEDFORD Physical Training College (3 yrs.)

BIRMINGHAM. Anstey College of Physical Education, Sutton Coldfield (3 yrs.).

CAMBRIDGE. Homerton Training College. yr course for graduates and qualified teachers.

DARTFORD HEATH (Kent) Dartford College of Physical Education (3 yrs.)

EASTBOURNE. Chelsea College of Physical Education (3 yrs.)

LIVERPOOL. I. M. Marsh College of Physical Education (3 yrs.)

LONDON. Southlands Training College. (yr course for graduates and qualified teachers).

NORTHAMPTON College of Physical Education (3 yrs.)

ROTHERHAM. Lady Mabel College of Physical Education (3 yrs.)

Less extensive courses are provided by certain training colleges during the two years' training for the Teachers' Certificate.

PHYSICAL MEDICINE

The Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England awards postgraduate diploma in Physical Medicine (D.Phys.Med.) Full particulars may be obtained from the Secretary Examining Board, Examination Hall, Queen Square, London, W.C.

Courses are arranged by the British Association of Physical Medicine and Guy' Hospital Medical School.

PHYSICS

Degrees with Honours, or Special degrees, in Physics may be warded by all

universities (London: as for *Chemistry* (q. v.)). There are courses at the University Colleges of Exeter and Leicester for London external degrees.

Three-year courses leading to the external B.Sc. (Special) degree of the University of London, college diploma or associateship, and Graduate Membership of the Institute of Physics are held in many of the major technical colleges, for example:

BIRMINGHAM College of Technology † (and postgraduate course in Electronics, X-ray Technology Spectroscopy Electromagnetic Waves, Solid Physics)

BRADFORD Technical College.†

BRIGHTON Technical College.

CARDIFF College of Technology and Commerce

EDINBURGH. Heriot Watt College. Four-year course leading to college associateship.

GLASGOW Royal Technical College. Four-year course leading to college associateship (Applied Physics)

HUDDERSFIELD Technical College.

LEICESTER College of Technology and Commerce

LIVERPOOL College of Technology

LONDON. Acton Technical College.†
Battersea Polytechnic.†
Chelsea Polytechnic.†
Northern Polytechnic.
The Polytechnic, Regent Street.†
Sir John Cass College †
South-West Essex Technical College
West Ham College of Technology †
Woolwich Polytechnic.†

LOUGHBOROUGH College of Technology

PORTSMOUTH Municipal College.

ROTHERHAM College of Technology

RUGBY College of Technology and Arts.

SALFORD. Royal Technical College.

SUNDERLAND Technical College.

TREFOREST Glamorgan Technical College (and an additional course in Applied Electronics).

WIGAN and District Mining and Technical College.†

WOLVERHAMPTON and Staffordshire Technical College.

† Also offers research facilities.

PHYSIOLOGY

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton with the same exceptions, all universities may also grant degrees (B.Sc. or B.A.) with Honours, or Special degrees, in Physiology (Durham King' College London: Bedford, King s, and University Colleges; and medical schools).

PLASTICS

No university courses.

LONDON. Borough Polytechnic. Two-year course leading to the diploma of the Plastics Institute.

Full-time courses leading to the examination for the Associateship of the Plastics Institute and the college associateship will be arranged at the Birmingham College of Technology and the National College of Rubber Technology if there is sufficient demand.

POLAR RESEARCH

CAMBRIDGE. Scott Polar Research Institute. For further information apply to the Director of the Institute Lensfield Road, Cambridge.

POLISH

See Slavonic and other East European Languages and Studies.

POLITICAL SCIENCE

Courses included in curriculum for Arts, Science, Economics or Law degrees at most Universities. Attention is drawn to the following courses

BIRMINGHAM, B Soc.Sc. (Economics, Politics and Sociology)

BRISTOL, B.A. Economics, and Philosophy and Economics (Special Schools).

CAMBRIDGE, B.A. (Tripos in Economics and associated branches of Political Science)

DURHAM, B.A. Honours in Politics and Economics, and in Politics and Anthropology

HULL. Government may be offered as main subject for B.A. Joint degree and as a special subject for B.Sc. (Econ.).

LEEDS, B A. Economics (Special Studies)

LONDON, B.Sc. (Econ.) Courses at London School of Economics.

MANCHESTER, B.A. Honours in Politics and Modern History or Modern History with Economics and Politics, and B.A.(Econ.).

NOTTINGHAM,* B.A. Honours in Politics.

OXFORD, B.A. (Honour Schools of Modern History and of Philosophy Politics and Economics) B.Phil., Diploma in Economics and Political Science (yr) (Further information from the Diploma Secretary Delegacy for Social Training, Barnett House, Oxford)

READING, B.A. Honours in Political Economy Economics and Social Psychology and Economics and Social Philosophy

SHEFFIELD B.A. Honours in Modern History and Government, and in Economics and Government, B A. (Econ.).

SOUTHAMPTON, B.Sc.(Econ.) (Political or Social Theory may be offered as subject in the degree course).

WALES, B.A., B.Sc. (Economics and Political Science) Courses in Political Theory and National Institutions at Aberystwyth University College; and in Political Theory and Government t Swansea University College.

EXETER University College, B.Sc.(Econ.) (London) with Government as special subject.

LEICESTER University College, B.Sc. (London) with Government as Special subject.

NORTH STAFFORDSHIRE, B.A.

ABERDEEN, M.A. May be included in curriculum for Ordinary degree. Also in Honours History Course.

EDINBURGH, M.A. Honours in Economic Science.

GLASGOW M.A. Political Philosophy and Political Science.

ST ANDREWS, M.A., B.Litt. (in Political Science)

BELFAST B.A., B.Sc.(Econ.) Independent lectureship in Political Science.

PORTUGUESE

BIRMINGHAM, B.A. (optional subject for Honours students in Spanish)

CAMBRIDGE, B.A. (Modern and Medieval Languages Tripos).

LEEDS, B.A. (General Studies)

LIVERPOOL, B.A. (alternative subject in Special Studies School of Hispanic Studies)

LONDON, B.A. Courses at King's College with facilities for advanced study

OXFORD, B.A. (Honour School of Modern Languages).

SHEFFIELD, Special subject, B.A. Honours in Spanish.

GLASGOW M.A. Honours in Spanish (optional additional subject).

POTTERY

See also Art.

No university courses.

LONDON, Camberwell School of Arts and Crafts. Three-year course for diploma.

Central School of Arts and Crafts. Three-year course for diploma.

Royal College of Art. Three-year course leading to diploma of Designer of the Royal College of Art.

STOKE-ON-TRENT North Staffordshire Technical College. Three-year course in Pottery and General Ceramics for those wishing to take up managerial, administrative or technical positions. Three-year course leading to diploma in Ceramics, which is of degree standard and is intended for research workers and laboratory technicians.

BURSLEM School of Art. Special classes for all skilled branches of the Pottery Industry

POULTRY HUSBANDRY

LONDON, Wye College, Wye Kent. B.Sc. (Agric); course includes Poultry Husbandry.

NOTTINGHAM. Diploma in Poultry Husbandry (yrs.). Postgraduate diploma in Poultry Husbandry (yr.).

READING. Courses in Poultry Husbandry etc., included in courses for B.Sc. (Agric.) postgraduate diploma (yr.).

BELFAST B.Agric.

ABERDEEN, North of Scotland College of Agriculture. Course for Scottish Diploma in Poultry Husbandry (yrs.)

GLASGOW West of Scotland Agricultural College. Course for Scottish Diploma in Poultry Husbandry (2 yrs.) also short courses.

NEWPORT (Shropshire) Harper Adams Agricultural College. College certificate and National Diploma (yrs) The National Institute of Poultry Husbandry is attached to the college

NEWTON ABBOT (Devon) Seale-Hayne Agricultural College. College diploma (2 yrs.)

STUDLEY (Warwickshire) Studley College for women. Course in Poultry Husbandry included in Agricultural Certificate Course.

WRITTLE. Essex Institute of Agriculture. Certificate in Poultry Husbandry (yr)

PRINTING

No university courses.

EDINBURGH. Heriot Watt College. One or two-year course.

GLASGOW Stow College School of Printing.

LEEDS College of Technology Three-year and shorter courses.

LONDON School of Printing and Graphic Arts. Three-year course, for diploma, and two-year Certificate course

Camberwell School of Arts and Crafts. Specialized courses.

Central School of Arts and Crafts Three-year course in Book Production and Graphic Design leading to diploma.

Royal College of Art. Three-year course leading to the diploma of Associateship of the Royal College of Art in Graphic Design.

MANCHESTER College of Technology Two-year Certificate course.

PRODUCTION ENGINEERING

See Engineering Production.

PSYCHIATRIC SOCIAL WORK

DURHAM. Facilities at King College, Newcastle upon Tyne.

LEEDS Included in course for Health Visitors.

LIVERPOOL. Diploma in Social Administration (at least 2 months)

LONDON, London School of Economics and Political Science. Mental Health Certificate (yr) Applicants must have had experience of Social work and preferably hold degree or certificat in social sciences. Course includes academic and practical work.

MANCHESTER. Certificate for Psychiatric Social Workers (yr), for candidates with social science qualification or equivalent experience.

SOUTHAMPTON Included in courses for diploma and certificate in Social Studies.

PSYCHOLOGICAL MEDICINE (Psychiatry)

Included in courses for first degrees in Medicine which are warded by all Universities except Hull, Nottingham, Reading and Southampton.

Postgraduate diplomas in Psychological Medicine (Edinburgh—Psychiatry) are awarded by the Universities of Bristol, Durham, Leeds, London, Manchester Edinburgh, by the Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England, and by the Royal

Medico-Psychological Association. Candidates must be qualified medical men or women. In every case the course entails attendance at an approved hospital for Mental Diseases for a prescribed period.

At the University of London, Institute of Psychiatry, The Maudsley Hospital, Denmark Hill, London, S.E.5, hospital appointments are available for qualified medical practitioners. Postgraduate clinical training is given, together with lectures and conferences, up to three years' duration in all branches of Psychiatry and its basic sciences. There are three terms annually and special departments in all branches of psychiatry. Facilities for research.

PSYCHOLOGY

BIRMINGHAM, B.A. (may be studied as subject for General degree). B.Sc. (principal subject: course includes Experimental Psychology and General and Genetic Psychology: also course in Animal Behaviour). Diploma in Psychology of Childhood (postgraduate, yr.). Diploma in Educational Psychology (postgraduate, yr.)

BRISTOL, B.A. Special School of Philosophy and Psychology. B.Sc. Special School of Psychology; subject for B.A. in General Science.

CAMBRIDGE, B.A. (Natural Sciences Tripos). Psychological Laboratory classes and facilities for research in General Experimental Psychology; work is undertaken in Animal Psychology, Experimental Aesthetics, Educational Psychology and Mental Deficiency; lectures in Physiological Psychology; advice is given with regard to psychological questions arising from the study of Sociology.

DURHAM, B.A. in General Studies, B.A. Honours. Facilities for postgraduate research in Educational Psychology at Durham Colleges.

HULL, B.A. (Joint School of Psychology and Sociology). Also included in courses for pass B.A. and B.Sc.

LEEDS, B.A. Facilities for advanced study and research.

LIVERPOOL, B.A. School of Psychology. Diploma in Applied Psychology (yr.)

LONDON, B.A., B.Sc. and Academic postgraduate diploma (yrs.). Courses and research facilities at University College, Birkbeck College and Bedford College and in certain aspects at London School of Economics.

MANCHESTER, B.A. Honours in Psychology. B.Sc. Honours in Psychology. Diploma in Educational Psychology (yr.).

NOTTINGHAM, B.A. and B.Sc. Honours Schools.

OXFORD, B.A. (Psychology with either Philosophy or Physiology). Institute of Experimental Psychology.

READING, B.A. Honours in Psychology and Economics and Social Psychology.

SHEFFIELD, B.A. General.

EXETER University College. B.A. General and B.Sc. General (London external degrees).

NORTH STAFFORDSHIRE University College. B.A. (subsidiary course only).

ABERDEEN, M.A. Honours in Mental Philosophy, Psychology, Psychology and English, Psychology and Philosophy, or Psychology and Economic History and Theory.

EDINBURGH, M.A., B.Sc. Honours in Psychology (4 yrs.). Courses in curricula for degrees of M.A., B.Sc. and M.B. Advanced Psychology is included in the course for B.Ed. Students for the degree of M.A. Honours in Mental Philosophy specialise in two of three subjects: Philosophy, Moral Philosophy and Psychology.

GLASGOW M.A. Honours (only in combination with Philosophy or Political Economy or Music) Also included in course for degree and diploma in Education.

ST ANDREWS, M.A. Honours. Also included in course for degree and diploma in Education.

BELFAST B.A. Honours, B.Sc. Honours. Also included in courses for B.A. Honours in Philosophy and for B.Ed. Also in Honours Philosophy B.Ed. Special treatment of problems of subnormality in children.

PUBLIC ADMINISTRATION AND FINANCE

BIRMINGHAM, B.Com., B.Soc.Sc. Postgraduate diploma (yr)

BRISTOL. Diploma (yrs. part-time) Advanced diploma (yr part-time)

CAMBRIDGE, B.A. (Economics Tripos)

DURHAM. Courses at King's College, Newcastle upon Tyne

HULL. Diploma (2 yrs., part-time)

LEEDS, B.A., Diploma (yrs. part-time)

LIVERPOOL, B.Com., diploma (2 or 3 yrs. according to qualifications of candidate)

LONDON. Academic diploma (yrs.) Courses at London School of Economics.

MANCHESTER, B.A.(Com.) B.A.(Admin.)

NOTTINGHAM, B A. in Politics.

OXFORD, B.A. Honour School of Philosophy Politics and Economics. Diploma in Public and Social Administration (yr and period of practical work) Certificate in Public Administration. Further information from the Diploma Secretary Delegacy for Social Training, Barnett House, Oxford.

SHEFFIELD. Diploma in Public Administration (4 yrs. part-time or 2 yrs. full-time)

SOUTHAMPTON. Diploma in Public Administration (2 yrs.)

EXETER University College. Diploma in Public Administration (2 yrs. full-time 3 yrs. part-time); also as postgraduate course (yr)

NORTH STAFFORDSHIRE University College. Principal or subordinate subject of the final B.A. degree examination.

EDINBURGH. Certificate in Public Administration (2 yrs.)

GLASGOW Diploma (3 yrs. part-time)

BELFAST Diploma in Public Administration (2 or 3 yrs.) Diploma in Social Studies (2 yrs.)

Courses leading to the diploma of Public Administration of the University of London (usually in evening classes) are arranged at the following colleges

BARNSLEY Mining and Technical College.

BIRMINGHAM College of Commerce.

BLACKBURN Technical College and School of Art.

BRISTOL College of Commerce.

CARDIFF College of Technology and Commerce.

DARTFORD Technical College.

DERBY Technical College.

HATFIELD Technical College.

HUDDERSFIELD Technical College.
LEICESTER College of Technology.
LIVERPOOL College of Commerce.
LONDON. The Polytechnic, Regent Street.
MANCHESTER College of Commerce.
STAFFORD County Technical College.
STOCKPORT College of Further Education.
WIGAN and District Mining and Technical College.

PUBLIC HEALTH

Included in courses for first degrees in Medicine which are awarded by all Universities except Hull, Nottingham, Reading and Southampton.

Diplomas in Public Health (D.P.H.) are granted by all universities except Birmingham, Cambridge, Hull, Nottingham, Oxford, Reading, Sheffield and Southampton. The course (yr full-time, or longer period part-time) is open only to persons with registrable medical qualification. A Certificate in Public Health (C.P.H.) is granted after the first 3 months' study except at Manchester.

The Institute of Education, University of London, offers one-year course leading to the Diploma in Health Education, arranged in conjunction with the London School of Hygiene and Tropical Medicine and the Central Council of Health Education and open to lecturers in training colleges and departments of education, qualified teachers, doctors, nurses, health visitors, sanitary inspectors and others.

A postgraduate diploma and certificate are granted by the Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England, of which particulars may be had from the Secretary of the Examining Board, Examination Hall, Queen Square, London, W.C.

Courses are provided by the Royal Institute of Public Health and Hygiene. A postgraduate diploma is also granted by the Conjoint Board of the Royal College of Physicians of Edinburgh, and the Royal College of Surgeons of Edinburgh, and the Royal Faculty of Physicians and Surgeons of Glasgow. Further information may be obtained from the Registrar, Scottish Conjoint Board, 8 Nicolson Street, Edinburgh 8, or from the Registrar Scottish Conjoint Board, 242 St Vincent Street, Glasgow C.2.

I addition to the D.P.H. the following degrees are granted D.Hy (Durham) B.Sc. Public Health (Glasgow)

RADIOLOGY (Radiotherapy or Radiodiagnosis)

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton.

Postgraduate diplomas (yrs. course) are awarded by the Universities of Liverpool and Edinburgh, and by the Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England. Particulars of these last may be obtained from the Secretary of the Examining Board, Examination Hall, Queen Square, London, W.C.

Postgraduate diploma courses (and opportunities for research and advanced study) are offered, in addition to those at Liverpool and Edinburgh, by the Universities of Birmingham, Bristol, Glasgow, Manchester, Sheffield and Wales, and in London by the Faculty of Radiologists in co-operation with Schools of the University and the British Postgraduate Medical Federation. Facilities for advanced study and research in Radiotherapeutics at Cambridge.

At the University of Liverpool the degree of M.Rad. (in either Radiodiagnosis or Radiotherapy) is open to holders of the diploma in Radiology

The diploma of Fellowship (F.F.R.) is awarded by the Faculty of Radiologists, 45 Lincoln's Inn, London, W.C.2.

Note In the United Kingdom the two specialities of radiodiagnosis and radiotherapy are quite separate. There are postgraduate courses in each, and postgraduate students cannot cover the study of both specialities in one course.

RADIO TECHNOLOGY AND ENGINEERING

See also Electronics.

Courses are provided by most universities in their departments of Physics and/or Electrical Engineering. Attention is drawn to the following courses

LONDON, B.Sc. (Eng.). Imperial College of Science and Technology provides degree and postgraduate courses.

BIRMINGHAM. Postgraduate diploma in Electronics and Radio (1 yr.)

BELFAST. Courses at College of Technology. Certificate courses in advanced Radio Engineering (1 yr.) for students who have completed degree course in Electrical Engineering or Physics.

COVENTRY Technical College. BOLTON Technical College. LONDON. Northern Polytechnic. Norwood Technical College.	3- or 4-year courses leading to college diplomas, to the Graduateship of the British Institution of Radio Engineers, and the Full Technological Certificate in Telecommunications Engineering of the City and Guilds of London Institute.

A number of the technical colleges shown on pages 68–69 offer full-time courses for the external B.Sc. (Eng.) degree of the University of London include, or are prepared to include, Electronics and/or Telecommunications Engineering.

RUBBER TECHNOLOGY

No university courses.

LONDON. National College of Rubber Technology. One-year postgraduate and three-year undergraduate courses leading to the college associateship and the Associateship of the Institution of the Rubber Industry.

RURAL ECONOMY

See Agriculture.

RUSSIAN

See Slavonic and other East European Languages.

SANSKRIT

See Oriental Languages and Studies.

SCANDINAVIAN LANGUAGES AND STUDIES

CAMBRIDGE. B.A. (Modern and Medieval Languages Tripos)

DURHAM. B.A. Honours in Scandinavian Studies. B.A. General Studies (Swedish, Danish and Norwegian). Courses at King's College, Newcastle upon Tyne.

HULL. B.A. Joint degree. Certificate in Swedish.

LEEDS B.A. (General Studies) (Modern Icelandic)

LONDON, B.A. Courses at University College in Danish, Norwegian, Swedish and Old Norse; also at Bedford, Birkbeck and King's Colleges.

MANCHESTER, B.A. Intermediate and General courses in Swedish.

NOTTINGHAM, B.A. Elementary courses in Danish and Swedish.

ABERDEEN, M.A. (Swedish) Swedish may be taken in combination with German or English for an Honours M.A. degree. It may also be taken as part of the course for an M.A. Ordinary degree.

GLASGOW M.A. Ordinary (Norwegian)

SECRETARYSHIP

See also Commerce.

No university courses.

Full-time courses leading to the examinations of the Chartered Institute of Secretaries of Joint Stock Companies and other public bodies are held in the following colleges.

BATH City Technical College.

BIRMINGHAM College of Commerce.

BLACKPOOL Technical College.

BRADFORD Technical College.

BRIGHTON *Technical College.*

CAMBRIDGE, Cambridgeshire Technical College and School of Art.

CARDIFF College of Technology and Commerce.

CRUMLIN (Mon.) Technical College of Monmouthshire.

GLASGOW and West of Scotland Commercial College.

GUILDFORD County Technical College.

HUDDERSFIELD Technical College.

KINGSTON UPON THAMES Technical College.

LEEDS College of Commerce.

LONDON, South East Essex Technical College
South West Essex Technical College
North Western Polytechnic.

PLYMOUTH and Devonport Technical College.

SOUTHEND-ON-SEA Municipal College.

TREFOREST Glamorgan Technical College.

WOLVERHAMPTON and Staffordshire Technical College

SHIPBUILDING

See Engineering, Civil, Electrical and Mechanical (under heading Marine Engineering and Naval Architecture)

SLAVONIC AND OTHER EAST EUROPEAN LANGUAGES AND STUDIES

BIRMINGHAM. B.A. (Special School of Russian). B.Com. with Russian Studies. B.Soc.Sc. (Russian).

CAMBRIDGE, B.A. (Modern and Medieval Languages Tripos)

HULL. Finnish is a main subject for B.A. Joint degree. Postgraduate certificate and diploma in Finnish.

LEEDS, B.A. in Special Studies in Russian. Certificate (1 yr.) (Russian).

LIVERPOOL, B.A., B.Com. (School of Russian Studies).

LONDON, B.A. Courses in any of the following: Russian,† Czech and Slovak,† Polish,† Serbo-Croat,† Bulgarian, Hungarian,† Albanian, Lithuanian, Finnish and Roumanian† at School of Slavonic and East European Studies. School certificates in Russian, Polish, Czechoslovak, Yugoslav Special facilities for research and postgraduate work certain other facilities.

MANCHESTER, B.A. Honours in Russian, B.A. (Com.) B.A.(Econ.), B.A. (Admin.), (Russian).

NOTTINGHAM, B.A. Honours in Russian. Serbo-Croat as subsidiary subject.

OXFORD, B.A. (Honour School of Modern Languages) Postgraduate diploma (1 yr.)

EDINBURGH (Russian)

GLASGOW M.A. (Russian) Non-graduating courses in Polish, Czech, Hungarian, Lithuanian and Roumanian.

† B.A. Honours degree may be taken in this subject.

SOCIOLOGY (including Social Studies)

BIRMINGHAM, B.Soc.Sc. (School of Economics, Politics and Sociology and School of Social Study) Social Study certificate (yrs.), Social Study diploma (2 yrs., graduates yr.) higher diploma (yr. after ordinary diploma, certificate in Child Service (yr.).

BRISTOL. Testamur in Social Studies (2 yrs., except in cases of specially qualified candidates)

DURHAM, B.A. Social Studies (Durham Colleges and King's College, Newcastle upon Tyne) Certificate in Social Studies (yrs.) at King's College.

HULL,* B.A. *Social Studies and Sociology; B.A. Joint School of Psychology and Sociology* Sociology also special subject for B.Sc.(Econ.).

LEEDS, B.A. in Special Studies in Social Studies, B.A. (General Studies) (Social Science). Diploma in Social Studies (yrs., graduates yr.)

LIVERPOOL, B.A. (School of Social Science). Courses in Social Science included in curriculum for B.Com. degree. Certificate in Social Science (2 yrs., suitably qualified candidates yr.) Diploma in Industrial Sociology (2 yrs., suitably qualified candidates yr.). Diploma in Social Administration (minimum yr.) Diploma in Public Administration (1, 2 or 3 yrs.) Diploma in Applied Psychology (yr.)

LONDON, B.Sc. (Econ.) B.A. Hons. or B.Sc. in Sociology and Anthropology Courses in Sociology at Bedford College and at London School of Economics, which also awards School certificates in Social Science and Administration (yrs., in special cases yr.) Bedford College awards College certificate in Social Studies (2 yrs., approved students yr.) London University also awards a Diploma in Social Studies (2 yrs.) to external students (see below).

MANCHESTER, B.A. (Admin.) may be taken in Social Administration and counts as a social science qualification. Diploma in Social Administration (1 or 2 yrs.) Candidates must be graduates or hold an equivalent qualification.

NOTTINGHAM, B.A. Hons. in Sociology and in Social Administration. Certificate in Social Studies (yrs.) for candidates over or for graduates (who may take it in yr.)

OXFORD. Diploma in Public and Social Administration (1 yr. and period of practical work) certificate of training in social work. Certificate is open to those who have taken diploma in Economics and Political Science and to approved graduates.

READING. Postgraduate diploma in Social Study (yr.)

SHEFFIELD. Diploma (or yrs., postgraduate), and certificate (2 yrs.) in Social Studies.

SOUTHAMPTON. B.Sc. (Econ.) (Sociology is special subject in degree course). Social Studies certificate (2 yrs.). Postgraduate diploma in Social Studies (yr.).

WALES. Diploma (yr. for certain graduates, yrs. for others) in Social Study at Cardiff and Swansea University Colleges. Certificate in Child Service (yr.) and diploma in Personnel Management (yr.) at Cardiff.

EXETER University College, B.A. Honours and B.Sc. (Sociology) (London external degrees). Diploma in Social Administration (yrs. full-time, 3 yrs. part-time, or yr. as postgraduate course).

LEICESTER University College. External B.Sc. (Econ.) of University of London. Diploma in Social Studies (2 yrs.)

NORTH STAFFORDSHIRE University College. Training for diploma or certificate in Social Service incorporated within the 4 yrs. study for the B.A., in addition to its being taken as normal subject for that degree.

EDINBURGH. Postgraduate diploma in Social Study (not less than yr.), certificate in Social Study (yrs., graduates yr.). Certificate in Psychiatric Social Work (yrs.) Candidates must have either Social Study Diploma or certificate or degree in Sociology supplemented by practical experience.

GLASGOW. Social Study certificate (2 yrs., graduates yr.). Social Welfare certificate (3 yrs. part-time)

ST ANDREWS. Facilities for research in the Social Sciences.

BELFAST. Diploma in Social Studies (yrs.).

Courses extending normally over not less than two years are arranged in the following colleges for the External Diploma in Social Studies of the University of London. Classes are held in the evening except where noted.

BIRMINGHAM College of Commerce.

BRIGHTON Technical College (day and evening).

BRISTOL College of Commerce

CHATHAM Technical College.

COVENTRY Technical College

CROYDON Polytechnic (day).

GUILDFORD County Technical College (day)

HATFIELD Technical College.

KINGSTON UPON THAMES Technical College

LIVERPOOL College of Commerce.

NORWICH City and Art School.

WIGAN and District Mining and Technical College

WOLVERHAMPTON and Staffordshire Technical College.

The Co-operative College, Loughborough, has one-year residential course in Social Science leading to the college diploma.

SOLAR PHYSICS

CAMBRIDGE, Solar Physics Observatory

SPANISH

Courses at all universities (Durham King's College, Newcastle upon Tyne London King's, Birkbeck, Queen Mary and Westfield Colleges; Wales Cardiff University College) except Bristol, Hull and Reading Degrees with Honours, or Special degrees, in Spanish may be awarded by all universities except Bristol, Durham, Hull, Reading and Southampton.

SPEECH TRAINING

See Drama and Speech Training

STATISTICS

See also Vital Statistics.

BIRMINGHAM, B.Com., B.Soc.Sc.

BRISTOL, B.A. (Special School of Economics).

CAMBRIDGE, B.A. (Economics and Mathematical Triposes) Postgraduate diploma in Mathematical Statistics (or 2 yrs)

DURHAM, B.A. Economic Studies, diploma in Economic Studies (yrs.) Included in course for diploma in Public Administration. Courses at King's College, Newcastle upon Tyne.

HULL, B.Sc (Econ.) with Statistics as special subject.

LEEDS, B.A., B.Com., B.Sc.

LONDON, B.Sc. (Special) in Statistics, B.Sc. (Econ.) Included in course for academic diploma in Public Administration. Courses at University College and at London School of Economics. Postgraduate work in Mathematical Statistics at Imperial College of Science and Technology

MANCHESTER, B.A., B.A. (Com.), B.A. (Admin.) Diploma in Statistics (1 yr postgraduate)

NOTTINGHAM, B.Sc., B.A combined Honours in Economics and Statistics.

OXFORD, B.A. (Honour School of Philosophy, Politics, and Economics) Facilities for research at Institute of Statistics. Diploma and Certificate (1 yr postgraduate)

SHEFFIELD, B.A. Honours in Economics and in Economics and Government. B.A. (Econ.) B.Sc. (included in Mathematics courses).

SOUTHAMPTON, B.Sc. (Econ.) with statistics as special subject.

EDINBURGH, M.A., B.Com., B.Sc.

GLASGOW M.A.

BELFAST B.A., B.Sc. (Econ.)

LONDON. The Polytechnic, Regent Street. Two-year course in preparation for the Final Examination of the Association of Incorporated Statisticians.

Courses in Statistics are organized in many other technical colleges and colleges of commerce.

SURGERY

See Medicine

SURVEYING

See Land Surveying

SWEDISH

See Scandinavian Languages and Studies.

SYRIAC

See Oriental Languages and Studies.

TANNING

See Leather Industries.

TEACHING

See Education.

TELECOMMUNICATION

See also Electronics and Radio Engineering and Technology.

Included in the curriculum for electrical engineering degrees at most universities; postgraduate courses are also provided at some universities. Full-time courses in Telecommunication, Electronics and allied subjects are also available at many of the larger technical colleges.

TEXTILES

See also Colour Chemistry

LEEDS, B.A. Textile Design, B.Sc. in Textile Industries, B.Com., with Textiles as principal subject, diploma in Textile Industries (3 yrs., reducible in certain conditions) comprises following sections Woollen Yarn Production, Worsted Yarn Production, Designing, Weaving and Textile Manufacturing, Finishing of Textile Fabrics, Textile Testing Research facilities.

MANCHESTER, B.Sc. Tech., and certificate. Courses at College of Technology (Cotton and Rayon) Courses include Chemistry of Textiles (Bleaching, Dyeing, Printing and Finishing) General Textile Technology and Textile Engineering.

BELFAST B.Sc. Courses at College of Technology

BOLTON Technical College (Cotton) Two-year diploma course in Cotton Spinning and Weaving.

BLACKBURN Technical College (Cotton) Two-year courses in Cotton Spinning and Weaving.

BRADFORD Technical College (Wool) Three-year diploma courses in Worsted Yarn Manufacture Cloth Manufacture and Textile Design.

BURNLEY Municipal College (Cotton) Two-year General Textile course.

DEWSBURY and Batley Technical and Art College (Wool) Three-year courses in Woollen Yarn Manufacture and Cloth Manufacture.

DUNDEE Technical College (Jute and Linen) Three-year course in Textile Manufacture.

GALASHIELS Scottish Woollen Technical College (Wool) Three-year course in Woollen Yarns and Cloth Manufacture and Dyeing.

GLASGOW Royal Technical College. Four-year course leading to the college associateship in Textile Technology

HALIFAX Municipal Technical College (Wool) Two-year course in Worsted Yarn Manufacture, and Woollen and Worsted Weaving and Designing.

HUDDERSFIELD Technical College. Three-year diploma course in Textile Technology

LEICESTER College of Technology and Commerce. Three-year course in Hosiery Manufacture leading to Diploma.

College of Art. Two-year course in Textile Design leading to the National Diploma in Design.

LONDON Camberwell School of Arts and Crafts. Two- or three-year courses in Textile Design leading to the National Diploma in Design.

Central School of Arts and Crafts. Three-year course in Textile Design leading to diploma.

Royal College of Art Three year course in Textile Design leading to the diploma of Designer of the Royal College of Art.

NOTTINGHAM and District Technical College Three-year diploma course in Hosiery manufacture or Dyeing and Finishing

SALFORD. Royal Technical College (Cotton) Three-year course leading to the college associateship.

THEOLOGY

See also Biblical History and Literature.

The degree of Bachelor of Divinity (B D) which is awarded by all Universities except Bristol, Liverpool, Reading, Sheffield and Southampton, is conferred by the University of Cambridge upon *its own graduates only; by Durham,* upon its own graduates and those of approved Universities who hold the Durham diploma in Theology; by Wales and by the four Scottish Universities upon graduates of approved Universities after 3 yrs. further study; by Birmingham, Hull, Leeds, Oxford and Belfast upon graduates of approved Universities after 2 yrs. further study by Manchester upon graduates of approved Universities after 2 yrs. further study or in the case of non-graduates, 3 yrs. after passing the Intermediate examination in Arts by London after 3-yr course from matriculation (courses at King's, New and Richmond Colleges and London School of Divinity) and by Nottingham upon graduates in Theology of the University after yr further study upon other graduates after 2 yrs. and upon non-graduates after 4 yrs.

At Birmingham, Bristol, Cambridge Durham (Durham Colleges) Hull, Leeds, Manchester and Oxford, provision is made for students taking the B.A. (Manchester—B.A. (Theol.)) degree to specialise in Theological subjects. At Birmingham, London and Southampton, Theology *may* be taken as subject for the B.A. (General) degree; at Nottingham Biblical Studies *may* be taken as subject for degree with Honours in another subject as well as for the degree of B A. with Honours in Theology

Leeds awards a diploma in Theology (3 yrs.) Academic (2 yrs.) and external diplomas in Theology are awarded by London. Hull awards diploma in Theology (yrs.) and certificate of Further Study in Divinity (part-time). Wales awards diploma in Theology (3 yrs.), courses for B.D. and for diplomas Schools of Theology at Bangor and Cardiff, or at Associated Theological Colleges Aberystwyth, Brecon and Carmarthen. At *Exeter* University College (in addition to work for the London external degree in Theology) courses are provided for the Cambridge certificate in Religious Knowledge and the London diploma in Theology At the University College of North Staffordshire Historical Theology can be taken as subsidiary subject for the B A.

Postgraduate diplomas in Theology are conferred by Birmingham normally after yrs by Durham (Durham Colleges) after 2 yrs., and by Oxford after

1 yr. At Belfast Testimonium in Divinity is awarded after yr. of study (or 3 yrs. part-time). The degree of Master of Theology (M.Th.) is conferred by the University of London.

The degree of Doctor of Divinity (D.D.) is conferred by all Universities granting first degree in Divinity, but only the University of Manchester permits graduates of other approved Universities to become candidates for the degree. At the Scottish Universities the D.D. is conferred only as an honorary degree.

TOWN PLANNING (including Civic Design)

DURHAM. At King's College, Newcastle upon Tyne. B.A. with Honours in Town and Country Planning (5 yrs.). Diploma in Town Planning (-yr. course for those holding recognised qualifications in Engineering, Architecture, Town Planning or Surveying, or the Certificate in Town Planning, obtained at the end of a-yr.'s part-time course)

LIVERPOOL. A 2-yr. postgraduate course (yr. for graduates of the Liverpool School of Architecture) leading to the Degree of Master of Civic Design. Diploma course, also postgraduate, may last or yrs.

LONDON. University College. Academic Diploma in Town Planning and Civic Architecture and in Town Planning and Civic Engineering (2 or 3 yrs. post graduate).

MANCHESTER. B.A. with Honours in Town and Country Planning (5 yrs.). Certificate (2 yrs. part-time). Diploma (yr. full-time or 3 yrs. part-time postgraduate; or 5 yrs. full-time undergraduate)

EDINBURGH College of Art. A postgraduate diploma course in Town and Country Planning, lasting five terms, or part-time course of three sessions.

GLASGOW School of Architecture, Royal Technical College. The postgraduate diploma course may be (a) full-time day course of one session or (b) part time course of two sessions.

LEEDS College of Art. The diploma course is one year full-time followed by one year part-time

LONDON. The Polytechnic, Regent Street. Three-year evening course intended mainly for the qualified architect, engineer or surveyor who intends to take up planning as profession. A diploma in Planning is awarded on successful completion of the course.

NOTTINGHAM College of Art and Crafts. Three-year course leading to the diploma in Town and Country Planning. The Postgraduate diploma course consists of either ( ) one year's full-time training followed by one year part-time training, or (b) three years part-time training

Other qualifications are (a) Distinction in Town Planning awarded by the Royal Institute of British Architects (not by examination) (b) Certificate in Town Planning awarded by the Institution of Municipal Engineers; and ( ) the Special Diploma in Town Planning, awarded by the Royal Institution of Chartered Surveyors. The two last are available only to members.

The above degrees and diplomas exempt from the Final Examination of the Town Planning Institute.

TRADE UNION STUDIES

May be studied in Economics courses at universities.

LONDON. London School of Economics (1 yr. course). Also postgraduate facilities.

TRANSPORT

BIRMINGHAM. May be included in B.Com. and M.Com.

LONDON, B.Sc. (Econ.) Courses at London School of Economics.

Classes which have been arranged to meet the requirements of the Institute of Transport and the Royal Society of Arts examinations are held at most of the larger technical colleges and colleges of commerce.

TROPICAL MEDICINE AND HYGIENE

LIVERPOOL. Postgraduate diploma in Tropical Medicine and Hygiene. Courses at the School of Tropical Medicine in Tropical Medicine, Tropical Hygiene, Parasitology and Entomology.

LONDON. Courses for M.D. and academic postgraduate diploma in Tropical Medicine and for examination of Conjoint Board for postgraduate diploma in Tropical Medicine and Hygiene at London School of Hygiene and Tropical Medicine.

EDINBURGH. Postgraduate diploma in Tropical Medicine and Hygiene.

TUBERCULOSIS

See also Chest Diseases.

LONDON, Institute of Diseases of the Chest. Facilities for postgraduate study.

WALES. Postgraduate diploma in Tuberculous Diseases. Courses at the Welsh National School of Medicine.

TURKISH

See Oriental Languages and Studies.

UROLOGY

Included in courses for first degrees in Medicine which are awarded by all universities except Hull, Nottingham, Reading and Southampton. Facilities for advanced study and research at Durham (Newcastle upon Tyne), Manchester, Oxford, Sheffield, Edinburgh, and Glasgow.

LONDON. University Institute of Urology in association with St. Peter's and St. Paul's Hospital, Henrietta Street, London, W.C.2. Postgraduate training in clinical urology. Facilities for research.

VETERINARY STUDIES

Degree and/or diploma courses in Veterinary Science or Veterinary Medicine are provided by the following universities:

BRISTOL, B.V.Sc.

CAMBRIDGE, Vet.M.B.

LIVERPOOL, B.V.Sc.

LONDON, B.Vet.Med. Courses at Royal Veterinary College and Hospital.

EDINBURGH, B.V.M.S. (Courses at Royal (Dick) School of Veterinary Studies). Eligible students prepared for diploma in Veterinary State Medicine of the Royal College of Veterinary Surgeons.

GLASGOW. B.V.M.S. Courses at University and University Veterinary School.

There is a Research Department of Animal Health at University College Aberystwyth. Animal Husbandry is usually included in courses in Agriculture.

Full information regarding the Diplomas of Membership (M.R.C.V.S.) and of Fellowship (F.R.C.V.S.) and the Diploma in Veterinary State Medicine of the Royal College of Veterinary Surgeons may be obtained from the Registrar of the Royal College of Veterinary Surgeons, 9 Red Lion Square, London, W.C.1.

VITAL STATISTICS AND EPIDEMIOLOGY

See also Public Health.

Included in curricula for diplomas in Public Health. Medical statistics may be studied as part of the course for first medical degree.

LIVERPOOL. Included in courses for postgraduate diploma in Tropical Medicine and Hygiene.

LONDON. Special three-month courses in Medical Statistics and Epidemiology (London School of Hygiene and Tropical Medicine.

WELSH LANGUAGE AND LITERATURE

See Celtic.

WIRELESS TELEGRAPHY AND WIRELESS ENGINEERING

See Radio Technology and Engineering

WOODS AND FIBRES

See Forestry.

WOOL

See Textiles.

YOUTH SERVICE

NOTTINGHAM. Certificate course in Youth Leadership (yr for graduates, qualified teachers, and holders of Social Science certificates) Optional subject in a yrs. course for Social Studies certificate.

WALES. University College, Swansea. Course in Youth Leadership and Organization (yr)

NORTH STAFFORDSHIRE University College. Training for Youth Service may be incorporated within the 4-yr 's study for the B.A. degree, and diploma or certificate issued to those who take the special training.

Courses are organized by the Scottish Leadership Training Association, 57 Melville Street, Edinburgh, 3, and the Young Women's Christian Association, Great Russell Street, London, W.C.

ZOOLOGY

Courses all universities and university colleges. Degrees with Honours, or Special degrees, in Zoology may be awarded by all universities (London Bedford, Birkbeck, Imperial, King's, Queen Mary, Royal Holloway and University Colleges) There are courses Exeter and Leicester for London external degrees.

TABLES

ABBREVIATIONS FOR UNIVERSITY DEGREES

UNIVERSITY FEES AND OTHER CHARGES

FEES FOR RESIDENTIAL ACCOMMODATION AT UNIVERSITIES AND UNIVERSITY COLLEGES

COURSES AND FEES AT RESIDENTIAL COLLEGES FOR ADULT EDUCATION

Fees and costs are constantly changing, and the figures given in the following pages should be checked by direct reference to the Universities and Colleges. They will, however, enable a prospective student to make a fairly close estimate of his expenses.

GLOSSARY OF ABBREVIATIONS FOR UNIVERSITY DEGREES

(In certain cases, some Universities use a slightly different form of the degree from that given below)

B.A. Bachelor of Arts
B.A. (*Admin.*) B.A. in Administration
B.A. (*Arch.*) B.A. (Architecture)
B.A. (*Com.*) B.A. in Commerce
B.A. (*Econ.*) (1) B.A. (Economics) (2) B.A. in Economics and Politics (Manchester), (3) B.A. in Economic Studies (Sheffield)
B.A. (*Mus.*) B.A. in Music
B.A. (*Soc. Studies*) B.A. in Social Studies
B.A. (*Theol.*) B.A. in Theology
B.A.O. Bachelor of Obstetrics
B.Agr. Bachelor of Agriculture
B.Arch. Bachelor of Architecture
B.C.L. Bachelor of Civil Law
B.Ch. Bachelor of Surgery
B.Ch.D. Bachelor of Dental Surgery
B.Chir. Bachelor of Surgery
B.Com. Bachelor of Commerce
B.Com.Sc. Bachelor of Commercial Sciences
B.D. Bachelor of Divinity
B.D.S. Bachelor of Dental Surgery
B.Ed. Bachelor of Education
B.Eng. Bachelor of Engineering
B.Hy. Bachelor of Hygiene
B.L. Bachelor of Law
B.Litt. Bachelor of Letters
B.M. Bachelor of Medicine
B.Met. Bachelor of Metallurgy
B.Mus. Bachelor of Music
B.Pharm. Bachelor of Pharmacy
B.Phil. Bachelor of Philosophy
B.S. Bachelor of Surgery
B.Sc. Bachelor of Science
B.Sc. (*Agric.*) B.Sc. in Agriculture
B.Sc. (*Dom. Sc.*) B.Sc. (Domestic Science)
B.Sc. (*Econ.*) B.Sc. (Economics)
B.Sc. (*Eng.*) B.Sc. in Engineering
B.Sc. (*Est. Man.*) B.Sc. in Estate Management
B.Sc. (*For.*) B.Sc. in Forestry
B.Sc. (*H. and S.S.*) B.Sc. (Household and Social Science)
B.Sc. (*Hort.*) B.Sc. (Horticulture)
B.Sc. (*Min.*) B.Sc. in Mining
B.Sc.Tech. Bachelor of Technical Science
B.Sc. (*Vet. Sci.*) B.Sc. (Veterinary Science)
B.Soc.Sc. Bachelor of Social Studies
B.Tech. Bachelor of Technology
B.Vet.Med. Bachelor of Veterinary Medicine
B.V.Sc. Bachelor of Veterinary Science
Ch.B. Bachelor of Surgery
Ch.M. Master of Surgery
D.C.L. Doctor of Civil Law
D.Ch. Doctor of Surgery
D.D. Doctor of Divinity
D.D.S. Doctor of Dental Surgery
D.D.Sc. Doctor of Dental Science
D.Eng. Doctor of Engineering
D.Hy. Doctor of Hygiene
D.Lit. Doctor of Literature
D.Litt. Doctor of Letters
D.M. Doctor of Medicine
D.Met. Doctor of Metallurgy
D.Mus. Doctor of Music
D.Phil. Doctor of Philosophy
D.Sc. Doctor of Science
D.Sc. (*Econ.*) D.Sc. (Economics)
D.Sc. (*Eng.*) D.Sc. (Engineering)
D.Sc.Tech. Doctor of Technical Science
D.Tech. Doctor of Technology
D.V.Sc. Doctor of Veterinary Science
Ed.B. Bachelor of Education
Litt.D. Doctor of Letters
LL.B. Bachelor of Laws
LL.D. Doctor of Laws
LL.M. Master of Laws
M.A. Master of Arts
M.A. (*Admin.*) M.A. in Administration
M.A. (*Arch.*) M.A. (Architecture)
M.A. (*Com.*) M.A. in Commerce
M.A. (*Econ.*) M.A. in Economics and Politics
M.A.O. Master of Obstetrics
M.Agr. Master of Agriculture
M.Arch. Master of Architecture
M.B. Bachelor of Medicine
M.C.D. Master of Civic Design

M.Ch. Master of Surgery
M.Ch.D. Master of Dental Surgery
M.Ch.Orth. Master of Orthopaedic Surgery
M.Chir. Master of Surgery
M.Com. Master of Commerce
M.D. Doctor of Medicine
M.D.S. Master of Dental Surgery
M.Ed. Master of Education
M.Eng. Master of Engineering
M.Litt. Master of Letters
M.Met. Master of Metallurgy
M.Mus. Master of Music
M.Pharm. Master of Pharmacy
M.Rad. Master of Radiology
M.S. Master of Surgery
M.Sc. Master of Science
M.Sc. (Agric.) M.Sc. (Agriculture)
M.Sc. (Econ.) M.Sc. (Economics)
M.Sc. (Eng.) M.Sc. (Engineering)
M.Sc. (Est. Man.) M.Sc. (Estate Management)
M.Sc. (Hort.) M.Sc. in Horticulture
M.Sc. (Min.) M.Sc. in Mining
M.Sc.Tech. Master of Technical Science
M.Soc.Sc. Master of Social Studies
M.Tech. Master in Technology
M.Th. Master of Theology
M.V.Sc. Master of Veterinary Science
Mus.B. Bachelor of Music
Mus.Bac. Bachelor of Music
Mus.D. Doctor of Music
Mus.Doc. Doctor of Music
Mus.M. Master of Music
Ph.D. Doctor of Philosophy
Sc.D. Doctor of Science
Vet.M.B. Bachelor of Veterinary Medicine

UNIVERSITY FEES AND OTHER CHARGES

The fees levied for first degree course or for other courses vary from institution to institution. Details regarding some of the fees other than those of Oxford and Cambridge (see *Cost of Study and Residence*, page 3) are set forth below. Fees for theological courses, for courses in music, for higher degrees other than the Ph.D. and for diploma and certificate courses have not been included. Information about these will be supplied on request. In the Faculties of Science, Applied Science, Medicine and Dentistry there are, in some cases, incidental charges and deposits which have not been shown in the statement.

The figure in brackets after each degree shows the normal period of study required to complete the degree. The amount given after the bracket is the sum charged for the whole course, payable generally but not always, in equal yearly instalments.

BIRMINGHAM

Matriculation	£2.
Tuition, Membership and Examination, and clinical fees where applicable (Composite fee)	B.A. or B.Mus. (4 yrs.) £ 40 4s.; B.Com. or B.Soc.Sc. (3 yrs.) £ 24 3s. LL.B. (3 yrs.) £137 5s.; B.Sc. (Pure Science) (3 yrs.) £ 20 to £ 52 5s.; B.Sc. (Applied Science) (4 yrs.) £235 4s.; B.Sc. (Applied Biochemistry) (4 yrs.) £167 4s. M.B. Ch.B. (6 yrs.) £360 B.D.S. £340 s.; Ph.D. (2 yrs.) £76 10s. to £ 96 10s. (according to Faculty and subject)
Graduation	£5.

BRISTOL

Inclusive fees	B.A., B.A. (Econ.) (3 yrs.) £ 25; B.Mus. (1 yr.) £46; B.Sc. and B.Sc. (Dom. Sc.) (3 yrs.) £144; M.B. Ch.B. (6 yrs.) £306, B.D.S. (5½ yrs.) £295 B.V.Sc. (5 yrs.) £260 B.Sc. (Eng.) (3 yrs.) £ 7 LL.B. (3 yrs.) £ 23

CAMBRIDGE

As charges vary from College to College, students who hope to enter the University are advised to write for detailed information to the College of their choice. A general estimate of expenses is given on page 3.

DURHAM

Matriculation	£2.
Tuition	*Durham Colleges* B.A. (3 yrs.) £90; B.Sc. (3 yrs.) £1 7; Ph.D. (2 yrs.) £30 to £36.
Tuition	*King's College, Newcastle upon Tyne* B.A., LL.B. (3 yrs.) £90 B.Arch. (5 yrs.) £155 B.Sc. (Pure Science or Agriculture) (3 yrs.) £ 14 B.Sc. (Applied Science) (3 yrs.) £150; Ph.D. M.B., B.S. (6 yrs.) £230 B.D.S. (6 yrs.) £225; (yrs.) £ 4 or £36 (for laboratory subjects).

Registration	£2.
Tuition	*Medical School and Dental School* M.B. and B.S. (6 yrs.) £290 (inclusive fee for systematic, practical and clinical instruction) B.D.S. (6 yrs.) £225 (composition fee for systematic, practical and clinical instruction)
Examination (University Fees) Degree	B.A., B.Arch., B.Sc., LL.B., B.Com. £7 10s.; B.A. (Fine Art) £8 M.B., B.S. £28, B.D.S. £ 8; Ph.D £ ; B.A., B.Arch., B.A. in Fine Art, M.B., B.S., B.D.S., B.Sc., B.Com., LL.B. £4; Ph.D. £5.
Club Subscriptions	Students pay club subscriptions amounting to approx. £5 per year

HULL

Matriculation and Registration	£4 4s.
Union Subscription	£4
Tuition	B.A. (3 yrs.) (excluding Special degrees in Geography Mathematics and Psychology) £33 B.A. Special in Geography Mathematics and Psychology (3 yrs.) £40; B.Sc. (3 yrs.) £40 LL.B. (3 yrs.) £ 31 B.Sc. (Econ.) (3 yrs.) £33; Postgraduate courses, Arts £ Science £ ;
Examination	B.A., B.Sc., LL.B., B.Sc. (Econ.) £ 2. 10s., M.A., M Sc LL.M., M Sc.(Econ.) M.Ed., B.D £6. 6s.; Ph.D. £12. 12s; D. Litt., D Sc £ 8. 8s.
Graduation	First degree £5. 5s.; Higher degrees unless previously graduated in University £8 8s , Higher degrees if previously graduated in University £5. 5s.

LEEDS

Matriculation	£2.
Registration	£2. Overseas Students £5 (except in the case of research students and candidates for higher degrees who pay £).
Tuition (including Union fee)	B.A., B Com. (3 yrs.) £ 28; B.A. Textile Design (3 yrs.) £ 38 B.Sc. Pure Science (3 yrs.) £ 32; B.Sc. Applied Science (3 yrs.) £141 (overseas students in Textile Dept. an additional equipment fee of £ 0 per yr); B.Sc Agriculture (3 yrs.) £140 LL.B. (3 yrs.) £49. 13s.; M.B. Ch B. (6 yrs.) £330 (including Instruments, etc.); B Ch D (6 yrs.) £290 (excluding instruments and deposits); Ph.D. (yrs) Arts and Mathematics, £32 for graduates of Leeds, £36 for others Science and Technology; £32 for graduates of Leeds, £38 for others.
Examination	B A B Com., LL.B B.Sc. £8; M.B., Ch.B. £ 8; B.Ch.D. £ 6 Ph.D £ 0.
Graduation	£7.

LIVERPOOL

Matriculation	£2.
Registration	£ 0s. per year
Guild Subscription	£3. 5s. per session
Tuition	B.A. (General Studies) B.Com. (3 yrs.) £90, 4th yr £30; B.A. (Special Studies) 4th yr £ ; B.Arch. (5 yrs.) £ 95;

LL.B. (3 yrs.) £81; B.Sc. (Ord. and Hons.) (3 yrs.) £ 90
B.Sc. (Hons. in Maths.) £110; B.Eng. (3 or 4 yrs.) £144-£191; M.B., Ch.B. (6 yrs.) £314 7s. (inclusive); B.D.S. (5 yrs. terms) £348 0s. (inclusive); B.V.Sc. (5 yrs.) £249 5s. (inclusive); Ph.D. £13 0s. per session; apparatus fee (Engineering) £1 per year

Examination	B.A. and B.Com. 1st yr. £ ; 2nd yr. £3; B.A. (Special Studies) each part, £2. B.Arch. £7 0s.; LL.B. Intermediate £2. Final £3. Hons. £4; B.Sc.: each introductory subject 0s. each subsidiary subject £1; Part I £2 Part II £2 Part III £ ; B.Sc.Hons. £8; B.Eng. Intermediate £2; Final, Part I £2; Final, Part II £1; Hons. £2; M.B., Ch.B., B.D.S., B.V.Sc. (included in composition fee) Ph.D. £ 0.
Graduation	B.A., B.Com., B.Arch., LL.B., B.Sc., B.Eng. £6; B.V.Sc., M.B., Ch.B., B.D.S. (included in composition fee); Ph.D. £7

LONDON

Registration	£3 3s.
Examination	B.A. (General) LL.B., B.Sc. (General) B.Sc. (Agric.) B.Sc. (Hort.) B.Sc. (Household and Social Science) B.Sc. (Econ.), B.Sc. (Estate Management), B.Sc. (Eng.) B.Sc. (Eng.) Chemical Engineering, B.Sc. (Eng.) Mining, B.Sc. (Eng.) Metallurgy £ 2. 2s.; B.A. (Hons.), B.Sc. (Special), B.Pharm. £ 5 5s.; B.Sc. (Vet. Sci.) £22. 1s.; M.B., B.S. £40 9s.; B.D.S. £28. 7s. (The above fees do not include fees for subjects at Intermediate level which amount to from to 6 guineas depending upon the number of subjects (if any) candidate is required to take.)
Tuition	Fees vary considerably according to the school or institution to which the student is attached and according to the faculty in which he proposes to graduate. Each college, school or institution fixes its own fees. These include tuition and in some cases an entrance or registration fee, a laboratory fee and a fee for membership of the Students' Union of the College.

Note The list below does not include all the colleges and schools recognised by the University of London, but the statement provides general conspectus of the fees incurred in taking degree course.

SCHOOLS AND INSTITUTIONS OF THE UNIVERSITY

University Institutes

Institute of Education
Tuition M.A. in Education £62 10s.; Ph.D. (2 yrs.) £62 0s.

Non-Medical Schools

Imperial College of Science and Technology
Faculties of Science and Engineering: £60 per year (undergraduates); £30 per year (graduates)

King's College
B.A. (3 yrs.) £ 3 8s.; B.Sc. (3 yrs.) £ 57 0s. (Mathematics £ 07 1s.); B.Sc. (Eng.) (3 yrs.) £189; LL.B.

(3 yrs.) £ 07 ss. M.B., B.S., first exam. £50. 8s second exam., 1st yr £57 9s., 2nd yr £9 term; Ph.D. (yrs.) £33. 10s. (graduates of King's); £44. ss. (others)

King's College, Theological Department
B.D (3 yrs.) £ 50; Ph.D (yrs.) £21

London School of Economics
B.Sc. (Econ.) (3 yrs.) £ 07 ss.; LL.B. (3 yrs.) £ 07 ss.; B.A. (3 yrs.) £ 07 ss.; Ph.D (yrs.) £31. 10s. (graduates of the School) £44. ss. (others)

Queen Elizabeth College
B.Sc. (Nutrition) B.Sc. (Household Science) (3 yrs.) £ 4 15s.

Royal Holloway College (for Women)
Faculties of Arts and Science £ 5 per year (residence and tuition)

Royal Veterinary College Hospital
Courses in Faculty of Science, in Veterinary Science £5 per year

School of Oriental and African Studies
B.A. (3 yrs.) £ 03. 9s. Ph.D (yrs) £3 0s. (Hons. graduates of the school) £42 (other students) For other fees, apply to the Registrar

School of Pharmacy
B.Pharm.; Ph.D. £50 per year

University College
B.A. (3 yrs.) £ 3. 8s. to £ 38. ss. B.A.Arch. (5 yrs.) £904. 0s. B.Sc. (3 yrs.) £ 3. 8s.; £ 73. 5s.; B.Sc. (Eng.) (3 yrs.) £ 73. 5s.; B.Sc. (Econ.) (3 yrs.) £ 3. 8s.; M.B., B.S. (first and second exams.) £ 50. 5s. LL.B. (3 yrs.) £ 3. 8s.; Ph.D (yrs) £42.

Wye College
B.Sc. (Agric.) and B.Sc. (Hort.) (3 yrs) £ 50.

Medical Schools

Guy Hospital Medical School
Tuition: M.B., B.S. £36. 6s. per year
Entrance fee £ 5. 5s.

King's College Hospital Medical School
3 yrs. final course £ 80. 5s.

Lister Institute of Preventive Medicine
Usually no fees required for research.

London Hospital Medical College
Tuition: £48 per year
Entrance fee. £ 0. 0s.

London School of Hygiene and Tropical Medicine
D.P.H and Diploma in Bacteriology (1 yr.) £73 10s
Diploma in Tropical Medicine and Hygiene £4

Postgraduate Medical School of London
Tuition £ 3 per term.
Enrolment fee £3.

Royal Dental Hospital of London School of Dental Surgery
B.D.S. £370 payable in four annual instalments of £75 and 6th instalment of £20.

Royal Free Hospital School of Medicine
Tuition: M.B., B.S. £55 per year

St. Bartholomew's Hospital Medical College
Tuition: M.B. B.S. (whole medical curriculum) £34. 10s. per year

University College Hospital Medical School
Complete Clinical Course (3 yrs.) £180.

Institutions with Recognised Teachers

Battersea Polytechnic
Instruction in Technology Science, etc., £28 per year (students resident in London); £ 25 (others)

Chelsea Polytechnic
Courses for degrees in Science, Pharmacy Engineering, etc. £28 per year (students resident in London); £ 25 per year (others)

John Innes Horticultural Institution
Research—no fee charged.

Northampton Polytechnic
Engineering Courses for Degree and Diploma (4 yrs.) £28 per year (students resident in London) £ 25 per year (others)

Rothamsted Experimental Station
Agricultural Research—no fee for supervision.

MANCHESTER

Matriculation	£2.
Tuition, including (except for Ph D and B.Sc.Tech) Registration Fee, Library Membership, Athletic Union Membership Union Membership, and, where applicable, incidental laboratory charges and hospital fees	B A (3 yrs.) £ 00. 0s B.A. (Econ.) (3 yrs.) £ 00. 0s.; B A. (Hons. in Arch.) (5 yrs.) £ 3 0s.; B.A. (Com.) (3 yrs.) £ 00. 0s. B.A. (Admin.) (3 yrs.) £ 00. 0s. LL.B. (3 yrs.) £ 00. 0s. B Sc. (3 yrs.) £ 00. 0s. to £160. 0s.; B Sc (Tech) (3 yrs.) £ 35, tuition only overseas students, £2 6, tuition only M B., Ch.B. (6 yrs.) £265 plus fee for residence in hospitals B.D.S. (5 yrs.) £312. 10s., Ph.D. (yrs) £22 to £40
Examination	First Degree (except M.B Ch.B., B.D.S.) £4. 4s. to £8. 8s. M.B., Ch.B. £33. 0s.; B.D.S. £ 9. 9s.; Ph.D £ 0. 0s.
Graduation	Bachelor's Degree £2. 2s Ph.D. £5. 5s.

NOTTINGHAM

Matriculation	£ 1.
Tuition, Registration, Examination, and, for first degrees, Students' Union (Composition fee)	B.A., B.Mus (3 yrs) £ 9 4s.; LL.B. (3 yrs.) £ 00. 16s.; B.Sc (4 yrs.) £ 59. 0s. £ 84. 16s. according to subjects in the course; B.Pharm. (4 yrs.) £164. 16s.; B.Sc. in the Faculties of Agriculture and Applied Science (4 yrs.) £2 3. 3s. Ph.D (2 yrs.) £44. 0s. to £58. 14s. (Union fee optional extra)
Graduation	First Degree £3; Ph D. £7

OXFORD

As charges vary from College to College, students who hope to enter the University are advised to write for detailed information to the College of their choice. A general estimate of expenses is given on page 51

READING

Matriculation	£2.
Registration	£2 per year (Overseas students are required to pay deposit of £25 before admission.)
Tuition	B.A. (3 yrs.) £90; B.Sc., B.Sc. in Agric., Dairying or Horticulture (3 yrs.) £ 05; Ph.D (3 yrs.) £30 to £45.
Examination	B.A., B.Sc. £3. 3s.; Ph.D £3. 5s.
Degree	B.A., B.Sc. £3. 3s.; Ph.D £7 7s.

SHEFFIELD

Matriculation	£2.
Registration	£1 5s. per year
Athletic and Social Subscription (Compulsory)	£4. 4s. per year
Tuition	B.A., B.A. (Econ.) (3 yrs.) £80 B.A. Hons. in Arch. (5 yrs.) £ 5 0s., LL.B. (3 yrs.) £47 5s. B.Sc. (3 yrs.) £105; B.Eng., B.Sc.Tech., B.Met. (3 yrs.) £ 24 10s.; M.B., Ch.B. (6 yrs.) £ 5s (incl. hospital practice); B.D.S. (6 yrs.) £270; Ph.D. (2/4 yrs.) Arts, Law and Maths. £30; Science Medicine Engineering and Metallurgy £30.
Examination	For Pass Degree (except B.A. £4 0s. B.Sc. £5) and B.A. (Econ.) £4 for Hons. Degree (except B.A. Hons. in Arch. £7 0s.) £5 M.B., Ch.B. and B.D.S. £ 1; Ph.D. £ 0. 0s.
Graduation	Bachelor's Degree £5 M.B. Ch.B. B.D.S. £5 Master or Doctor Degree £6. 5s.

SOUTHAMPTON

Application Fee	0s.
Matriculation	£3. 3s.
Registration fee	£ 4. per session.
Students' Union Subscription	£4. 4s. per session.
Tuition	B.A. (3 yrs.) £32 per yr. B.A. Law (3 yrs.) £40 per yr. B.Sc. (3 yrs.) £4 per yr. B.Sc. (Econ.) (3 4 yrs.) £33 per ; B.Sc. (Eng.) (3 yrs.) £43 per yr. B.Sc. (Eng.) Aero-Sandwich Course (4 yrs.) £ per term. M.A. (2 yrs.) M.Sc. (2 yrs.), M.Sc. (Eng.) (2 yrs.) M.Sc. (Econ.) (yrs.) M.A. (Ed.) (2 yrs.), LL.M. (yrs.) all £3 per session. Laboratory fee of £ 3 per session where appropriate Ph.D. (2–3 yrs.) £ per session. Laboratory fee of £ 3 per session where appropriate
Examination	Bachelor Degree £3. 0s.; M.A., M.Sc. (Econ.) LL.M £6. 6s.; M.Sc., M.Sc. (Eng.), £9. 9s.; Ph.D., £ [illegible]; D.Litt. D.Sc., LL.D £ 8. 8s.
Graduation	Bachelor Degree £3. 3s.; Bachelor' Degree including membership of Convocation: £6. 6s.; Master's and

	Doctor's Degrees £8. 8s., Master's and Doctor's Degrees where candidate has previously graduated in the University £3 3s.

WALES

(Constituent Colleges University College of Wales, Aberystwyth; University College of North Wales, Bangor; University College of South Wales and Monmouthshire, Cardiff; University College, Swansea, and the Welsh National School of Medicine, Cardiff.)

Matriculation	£3.
Registration	£ 1s. per year
Amalgamation fee (Students' Union, Clubs, etc.)	£4. 4s. per year
Tuition	B.A., LL.B. (3 yrs.) £90; B.Sc. (Pure and Applied Science) (3 yrs.) £ 05, M.B., B.Ch. (6 yrs.) £060, B.Pharm. (3 yrs.) £ 05 Ph.D. (2 yrs.) £20 (Arts or Law); £20 to £40 (Science)
Examination	B.A., B.Sc., LL.B., B.Mus. £8. 5s.; B.D. £10; B.Arch. £ 5. 5s.; M.B. B.Ch. £20. 6s.; B.Pharm. £12. 0s.; Ph.D. £12.
Graduation	£ 2s.

EXETER UNIVERSITY COLLEGE

Registration	£1 per year
Guild Subscription	£3. 0s
Tuition	First degree courses in Arts £34. 0s. per year; Economics £36. 0s. per year Science £39. 5s. £49. 5s. per year; Law £34. 0s. per year Overseas students course in Eng. Lang. and Lit. £45 per year

LEICESTER UNIVERSITY COLLEGE

Registration	£ per year
Tuition	First degree courses in Arts and Economics £34 per year; Science £40 per year Social Studies Diploma £32 per year
Students Union Subscription	£4.

NORTH STAFFORDSHIRE UNIVERSITY COLLEGE

Inclusive fee, covering matriculation, registration, union, examination and tuition fees	£40 per year
Graduation	£3. 3s.

ABERDEEN

Matriculation	£2. 2s. 6d. per year
Tuition	M.A. (Ordinary) £59. 17s., M.A. Hons. in Mathematics and Natural Philosophy B.Sc. Hons. in Mathematics

	(4 yrs.) £97 10s. M.A. Hons. (in groups other than Mathematics and Natural Philosophy (4 yrs.) £79 6s.; Ed.B. (2 yrs.) £48. 6s. B.Sc. (Ordinary) B.Sc. (Agr.) (Ordinary), B.Sc. (Forestry) (Ordinary) B.Sc. (Eng.) (Ordinary) (3 yrs.) £ 9. 4s; B.Sc. Hons. (in subjects other than Mathematics) (4 yrs.) £ 33. 7s. B.L. (3 yrs.) £44. 8s.; LL.B. (3 yrs.) £54. 12s. M.B. and Ch.B. (6 yrs.) £236. 5s.
Degree	M.A., B.L. £ 2. 2. 6d.; Ed.B. B.Sc., B.Sc. (Agr.), B.Sc. (For.) B.Sc. (Eng.) LL.B. £ 3. 3s.; Ph.D. £ 5. 5s.; M.B., Ch.B. £38. 7s. M.D. Ch.M. £2; D.Litt., D.Sc., Ph.D £ 5. 5s.
Registration	£ (one payment before graduation)

EDINBURGH

Matriculation	£2. 12s. 6d. per year
Tuition	M.A. (Ordinary) B.Com. (3 yrs.) £59. 7s. M.A. (Hons.) in groups other than those named below (4 yrs.) £79. 6s.; in Mathematics and Natural Philosophy (4 yrs.) £94. 0s.; in Fine Art (5 yrs.) £99. 5s.; and in Architecture (6 yrs.) £ 50; B.Ed. (yrs.) £48. 6s.; LL.B. (3 yrs.) £56. 14s.; B.L. (3 yrs.) £44 8s.; B.Sc. (Pure Science) B.Sc. (Agr.) (4 yrs.) £ 20; B.Sc. (Eng.) (3 yrs.) £1 9. 14s. B.Sc. (Pure Science) (Hons.) B.Sc. Technical Chemistry (4 yrs.) £ 33. 7s.; B.Sc. (Forestry) (3 yrs.) B.Sc. (Mining) (4 yrs.) £ 35. 9s. B.Sc. (Agr.) (Hons.) (5 yrs.) £ 50; B.Sc. (Vet.) (students pay separate class fees) M.B., Ch.B. (6 yrs.) £ 10; B.D.S. (5 yrs.) £240; Ph.D £9. 9s. per year (for supervision); £22. 1s. per year (for supervision and laboratory facilities)
Examination and Graduation	M.A., B.Com., B.L. £ 2. 6d. B.Ed., LL.B. B.Sc. £ 3. 3s.; M.B., Ch.B. £38. 7s. Ph.D. £ 5. 5s.
Registration	£ (one payment before graduation).

GLASGOW

Matriculation	£2. 12s. 6d. per year
Tuition	M.A. (3 yrs.) £59. 7s.; M.A. Hons. (4 yrs.) £79. 6s.; M.A. Hons. in Mathematics (4 yrs.) £94. 0s.; Ed.B. (yrs.) £48. 6s.; LL.B. (3 yrs.) £54. 2s.; B.L. (4 yrs.) £58. 6s.; B.Sc. (Pure Science) (3 yrs.) £ 9. 4s.; B.Sc. (Eng.) (4 yrs.) £ 9. 4s.; B.Sc. (Pure Science) (Hons.) (4 yrs.) B.Sc. (Applied Chemistry) £ 33. 7s.; B.Sc. (Pharmacy) B.Sc. (Architecture) £ 33. 7s.; B.Sc. (Pure Science Hons. in Maths.) (4 yrs.) £94. 0s.; M.B., Ch.B. (6 yrs.) £264. 2s.; B.V.M.S. (5 yrs.) £200. 0s.; B.D.S. (5 yrs.) £236. 5s.; Ph.D. £9. 9s. per year (for supervision); £22. 1s. per year (for supervision and laboratory facilities).
Examination	M.A., B.L. £ 2. 12. 6d.; Ed.B., LL.B. B.Sc. £ 3. 3s.; M.B., Ch.B., B.V.M.S. £39 17s.; B.D.S. £30. 9s.; Ph.D. £ 3. 3s.
Registration	£ (one payment before graduation)

ST ANDREWS

Matriculation	£2. 2s. 6d. per year

Tuition	Pass M.A. (3 yrs.) £39. 17s. Hons. M.A. (4 yrs.) £79. 6s. Ed.B. (2 yrs.) £48. 6s.; B.L. (3 yrs.) £44. 2s.; LL.B. (3 yrs.) £54. 2s.; Pass B.Sc. (3 yrs.) £ 9. 14s.; Hons. B.Sc. (4 yrs.) £ 33. 7s., M.B., Ch.B. (6 yrs.) £233. 2s. B.D.S. (5 yrs.) £ 40 (excl. of fees for hospital practice), Ph.D (3 yrs.) £ 2. 2s. per year (fee for use of laboratories and museums) £9. 9s. per year (basic fee for supervising) £21 total.
Examination	M.A. B.L. £ 1s. 6d., B.Sc., Ed.B., LL.B. £13. 3s.; M.B., Ch.B. £38. 7s. B.D.S. £30. 9s.; Ph.D £15. 3s.
Registration	£ (one payment before graduation)

BELFAST

Matriculation	£ 2s. (payable once only on entry to the University)
Enrolment	£6 per year Part time £3 per year
Tuition	B.A. B.Mus. and B.Sc. (Econ.) (3 yrs.) £22 p.a.; B.Sc. (Pure Science) (3 yrs.) £ 05 B.Sc. (Applied Science) (4 yrs.) £ 20, B.Ed. (yrs.) £49. 7s.; B.Agr. (4 yrs.) £ 30 M.B. B.Ch., B.A.O. (6 yrs.) (Class and Lab. fee) £ 6 LL.B. (3 yrs.) £63 (2 yrs. for graduates) £44. 2s.; B.D.S. (5 yrs.) £ 80 Ph.D £ 0. 0s. p.a.
Examination	B.A., B.Mus. and B.Sc. (Econ.) £6 6s.; LL.B. £8. 8s.; B.Sc. (Applied Science and Technology) £ 6. 6s.; B.Sc. £9 9s. B.Agr. £ 0. 0s. M.B., B.Ch., B.A.O. £ 3. 3s.; B.D.S. £ 3. 3s.; Ph.D £7 7s. B.D £4. 4s.
Degree	B.A., B.Mus., LL.B., B.Sc., B.Sc. (Econ.), B.Agr. £7 7s.; M.B. B.Ch., B.A.O. £ B.D.S. £ s.; Ph.D £3. 3s. B.D £6. 6s.
Convocation	£ (one payment before graduation).

FEES FOR RESIDENTIAL ACCOMMODATION AT UNIVERSITIES AND UNIVERSITY COLLEGES

(FIGURES IN BRACKETS SHOW NUMBER OF STUDENTS ACCOMMODATED)

	MEN	FEE (Sessional unless otherwise stated)	WOMEN	FEE (Sessional unless otherwise stated)
Aberdeen	No Residential Accommodation			
Birmingham	Chancellors' Hall (50)	£3. 5s. to £3. 0s. per week	University House (50)	£105 to £180. 5s.
	Chad Hill (31)	£3 to £3. 7s. 6d. per week		
	The Manor House (40)	£3 to £3. 0s. per week		
Bristol	Burwalls (40) Wills Hall (175)	£183 for single room £ 5 for shared room	Clifton Hill House (93) Manor Hall (86)	£ 00 for single room £ 07 for shared room
Durham (Durham Colleges)	University College (approx.) Hatfield College (20 approx.)	Arts, £ 76 Science, £ 85	St. Mary College (100 approx.) St. Hild' College (40 approx.)	Arts, £176 Science, £ 85 See College Prospectus
	St. Chad College (60 approx.) St. John College (00 approx.)	Arts, £ 80 Science, £ 89	Neville Cross College (50 approx.)	See College Prospectus
	Bede College (60 approx.)	Arts, £ 95 Science, £104		

Note Sessional Fee at Durham College includes tuition and club subscriptions.

	MEN	FEE	WOMEN	FEE
(King's College)	Henderson Hall (78)	£105		
Hull	Camp Hall (300) Needler Hall (68)	£180 £183	Lawton Hall (40) Ethel Williams Hall (91)	£ 05
			Thwaite Hall (73) Clemison Hall (66)	£ 30

	MEN	FEE (Sessional unless otherwise stated)	WOMEN	FEE (Sessional unless otherwise stated)
Leeds	Devonshire Hall (66) Lyddon Hall (56) Woodsley Hall (48) Sadler Hall (34)	£	Oxley Hall (90) Weetwood Hall (97) Lupton Hall (33) Tetley Hall (93) Ellerslie Hall ( )	£ for single room £ 04 for shared room
Liverpool	Derby Hall (67)	£ 7 os. for single room £ 22. os. for shared room	University Hall (90) Rankin Hall ( )	£ 22. os. for single room £ 2. os. £ 7 os for shared room
London Institute of Education Bedford College	2 Hostels (52)	£ 05 to £ 25	Hostel (55) Reid Hall (22) Hanover Lodge (90)	£ 05 to £ 5 £ 32
Imperial College	I C. Hostel (76)	£39 to £43 (rent only)	Lindsell Hall (84) I.C. Hostel (3)	£ 5. 15s. £39 to £45 (rent only)
King' College	Selkirk Hall (3) Halliday Hall (34) K.C. Hall (98)	£ to £ 20 £ to £ 25 £		
London School of Economics	Passfield Hall (4)	£3 os. to £3. 7s. per week		
Queen Elizabeth College			Queen Mary' Hostel (90)	£107 ss. to £ 3s. 6s.
Queen Mary College	Elmhurst (3)	£84 to £93		
Royal Holloway College			Lynden Hall (98)	£ 00
University College	Bentham Hall (49) 29 Cartwright Gdns. (1)	£ 1 to £100 £37 os. to £64. os. (rent only)	(321) Campbell Hall (06) 28 Cartwright Gdns. (11)	£ 65 £ 0 to £ 20 £34. os. to £76. os. (rent only)
Westfield College Wye College	(93)	£135	(244) Wilberadame Hall (6)	£ 45 £ 35

Theological Colleges				
King's College Theological Dept.	Hostel (78)	£11		
London College of Divinity	(47)	£180		
New College	(48)	£100		
Richmond College	(53)	£ 40		
Medical Schools				
Guy' Hospital Medical School	Hostel (24) St. Christopher's House (90)	£1 to £ 5s. per week (rent only)		
London Hospital Medical College	Hostel (00)	£2. to £3. 6s. per week		
Middlesex Hospital Medical School	(26)	£3. 8s. 3d per week		
University College Hospital Medical School	Hostel (37)	£2 2s. 6d. to £3. 5s. per week	Hostel (7)	£2. 2s. to £2. 2s. 6d. per week
Westminster Medical School	Brabazon House (69)	£2. 5s. to £3. 5s. per week		
Other Hostels	Connaught Hall (80) London House (275) (for Commonwealth and British Students)	£90 to £ 10 £2. 2s. to £4. 4s. (excluding meals)	Canterbury Hall (120) College Hall (120) Nutford House (80)	£ 0. 5s. to £110 £ 0. 5s. to £ 26 £94. 0s. to £ 0. 5s.
Manchester	Dalton Hall (83) Hulme Hall (90) St. Anselm Hall (7) Lancashire Independent College	£ 60 for 3 weeks £ 35 for 32 weeks £ 38 for 31 weeks from £ 33 for 3 weeks	Ashburne Hall (105) Langdale Hall (40) Ellis Llwyd Jones Hall (62) St. Gabriel' Hall (primarily for Catholic students) (44)	£ 80 (Ashburne, Langdale, Ellis Llwyd Jones) £
	Unitarian College (19) Montgomery House (60) Dalton House (members of staff and/or research students, men or women) (23)	£ 20 for 3 weeks £ 20 for 3 weeks £ 0s. 6d. per week plus annual surcharge of £8 –£13d. 10s.		£3. 2s. 6d. to £3. 7s. 6d. per week

	MEN	FEE (Sessional unless otherwise stated)	WOMEN	FEE (Sessional unless otherwise stated)
Nottingham	Hugh Stewart Hall (180)	£1 to £180	Florence Boot Hall (90)	£96 to £110
	Wortley Hall (95)		Florence Nightingale (60)	
	School of Agriculture, Sutton Bonington (00)		School of Agriculture, Sutton Bonington (60)	
Reading	Wantage Hall (95)	£ 90 for 30 weeks	St. Andrew' Hall (5)	£ 90 for 30 weeks
	St. Patrick' Hall (37)		Wessex Hall (84)	
	Whiteknights Park House (95)		St. George Hall (77)	
			Mansfield Hall (70)	
Sheffield	Crewe Hall (20)	£ 7–£ 19 for 30 weeks	University Hall (16)	£ 10 for 30 weeks
	Ranmoor House (50)	£ 14 for 30 weeks		
	Stephenson Hall (00)	£ 10 for 30 weeks		
Southampton	South Stoneham House (80)	£ 05	Highfield Hall (98)	£ 05
	Connaught Hall (7)	£	South Hill (91)	£ 00
	Glen Eyre Hall ( )	£		
Wales Aberystwyth	Plynlymon Hall (76)	£ 5	Alexandra Hall (70)	£ 5
	Ceredigion (66)		Carpenter Hall	
	Pantycelyn, Borth (Overflow Hostel) (63)		Private Hotels taken as overflow hostels during College terms (74)	
Bangor	Neuadd Reichel (18)	£ 25	University Hall (4)	£ 10
	Hendre (39)	£ 10	Caederwen (4)	
	Bronheulog (39)	£ 10	Gartherwen (114)	
			Maesog (14)	
			Menaifron (56)	
			Bryn Afon (56)	
			Gwenog (56)	

Cardiff	St. Teilo Hall (34)	£95	Aberdare Hall (53)	£ 80
	Llandaff House (33)	£ 05		
Swansea			Beck Hall (80)	£ 05
The Welsh National School of Medicine	The Welsh National School of Medicine Students Refectory and Residence (45)		Clinical students only (men and women)	£ 40
Exeter	Reed Hall (64)	£1 7. 0s. to £1 12s. 10s.	Hope Hall (0)	£ 4. 0s. to £117 0s.
	Exeter Hall (82)		Lopes Hall (03)	
	Mardon Hall (83)		Thomas Hall (47)	
	Crosmead (57)		Birks Grange (80)	
			Barton Place (62)	
Leicester	Beaumont Hall (134)	£ 10	College Hall (43)	£100
North Staffordshire	Men's Residential Hall (70)	£1 5 for 30 weeks	Women's Residential Hall (80)	£ 15 for 30 weeks
Edinburgh	Cowan House (00)	£8 to £1	Craigmillar Park Hostels (300)	£75
	Nursery House (26)	£ 03. 0s. to £ 11	Masson Hall and Annexes (87)	£90
	Residence for Midwifery Students (3)	£2. 5s. to £3 per week	Muir Hall (32)	£90
	Salisbury Green (43)	£2. 5s. to £3 per week	St. Leonard's Hall (45)	£2. 15s. to £3 per week
	University Settlement (3)	£1. 2. per week	University Settlement (3)	£2. 5s. per week
	These are open also to certain extra-mural students.			
Glasgow	Maclay Hall (4)	£ 07 2s.	Queen Margaret Hall and Annexes (30)	£ 07 2s. (Arts £ 00. 6s.)
	MacBrayne Hall (36)		University Settlement (14)	£2. 5s. per week
	Kelvin Lodge (30)			
	Horselethill House (23)	£ 10. 5s. for 30 weeks		
St. Andrews	St. Salvator's Hall (120)	£ 5	University Hall (80)	£ 05
	St. Regulus Hall (85)		MacIntosh Hall (80)	
	Hepburn Hall (27)		West Park Hall, Dundee (72)	£95 to £ 05. 0s.
	Hamilton Hall (100)			

	MEN	FEE (Sessional unless otherwise stated)	WOMEN	FEE (Sessional unless otherwise stated)
	Deans Court (research students) (7)	3s. per day		
	William Low Residence, Dundee (medical students) (34)	£98. 0s. to £ 03. 0s.	William Low Residence Dundee (medical students) (34)	£98. 0s. to £ 03. 0s.
	University College Hall, Dundee (25)	£95 to £ 03. 0s.		
Belfast	Queen's Elms (72)	£30 per term	Riddel Hall (50)	£60

COURSES AND FEES AT RESIDENTIAL COLLEGFS FOR ADULT EDUCATION

COLLEGE	SUBJECTS	NORMAL DURATION OF COURSE (IN YEARS)	FEES (INCLUDING RESIDENCE)
THE CATHOLIC WORKERS' COLLEGE, Oxford. (Men and Women)	Social and Economic Theory and History Political Science, Moral Philosophy Philosophy of Religion, Social Ethics.	1 or	£150 year.
COLEG HARLECH, Harlech, Merionethshire North Wales. (Men and Women)	Economics, Social History English Literature, Music, Philosophy, Political Science Constitutional Law Trade Unionism, Psychology Welsh Literature, Welsh History Arts and Crafts.	1 and 2	£ 50 year or £35 each for the Winter and Spring Terms, and £40 for the Summer Term. All information concerning scholarships from the Secretary Coleg Harlech.
THE CO-OPERATIVE COLLEGE, Stanford Hall, near Loughborough, Leics. (Men and Women)	Economics, Social and Political Studies, Management, Secretaryship and Co-operation in Colonial territories and countries with similar problems.	or 2	£150 year; £ for two terms; £60 for one term.
FIRCROFT COLLEGE, Bournville Birmingham. (Men)	Economics and Social Studies, History and Political Studies, English Language and Literature, Art and Handicraft.		£ 50 year but for foreign students staying shorter periods, £50 term. Bursary aid is available for working-class students from abroad.
HILLCROFT COLLEGE, South Bank, Surbiton, Surrey (Women)	History Economics, Philosophy Psychology English Literature, Comparative Religion, Art, Government, Industrial Relations, Current Affairs, Social Welfare, Music.	1	£ 50 year for overseas students for whom there is limited number of places. Shorter courses can sometimes be arranged.

COLLEGE	SUBJECTS	NORMAL DURATION OF COURSE (IN YEARS)	FEES (INCLUDING RESIDENCE)
NEWBATTLE ABBEY COLLEGE, Dalkeith, Midlothian, Scotland. (Men and Women)	English Literature, Philosophy Psychology Economics (including Economic History and Trade Unionism) British History Political Theory Human Relations in Industry		£ 50 year; £ 0 for two terms; £60 for one term.
RUSKIN COLLEGE, Oxford. (Men and Women)	Economics, Economic and Social History, Political Theory and Institutions, Industrial Relations, International Relations, English Literature, Modern Languages.	or 2	£ 50 year. The Trades Union Congress and Colonial Governments award scholarships for colonial students. There is Bowen Scholarship sponsored by the Workers' Travel Association which is awarded to an overseas student in alternate years. The Fulbright Commission, the Educational Interchange Council, and the British Council finance number of students and the Transatlantic Foundation award three scholarships.
WOODBROOKE COLLEGE, Selly Oak, Birmingham, 29. (Men and Women)	The Foundations of the Christian Faith, Bible Study Quakerism, International Relations, Social Studies, Vocational Courses (Teacher' Certificate, Religious Education)		£60 term, or £6 week for shorter periods. Bursaries are available for members of the Society of Friends and any other English or overseas students who are closely connected with the Society No scholarships are available.

ADDRESSES

UNIVERSITIES AND ASSOCIATED INSTITUTIONS

EXAMINING BODIES

TECHNICAL COLLEGES AND OTHER INSTITUTIONS

BRITISH COUNCIL REPRESENTATIVES OVERSEAS

BRITISH COUNCIL OFFICES AND CENTRES IN THE UNITED KINGDOM

ADDRESSES OF UNIVERSITIES AND ASSOCIATED INSTITUTIONS MENTIONED IN THIS HANDBOOK

(together with the titles of their chief administrative officers to whom communications should be addressed)

ENGLAND AND WALES

BIRMINGHAM
The Registrar The University Edgbaston, Birmingham, 15.

BRISTOL
The Registrar and Secretary The University Bristol, 8.
The Director Fruit and Vegetable Preservation Research Station, Chipping Campden, Gloucestershire.
The Director Agricultural and Horticultural Research Station, Long Ashton, Bristol, Somerset.

CAMBRIDGE
The Registrary, The University Cambridge.
The Director The Molteno Institute of Biology and Parasitology Downing Street, Cambridge.
The Director The Scott Polar Research Institute, Lensfield Road, Cambridge.
The Director, Solar Physics Observatory Madingley Road, Cambridge.
The Director, University of Cambridge Psychological Laboratory Cambridge.
The Director The University Observatory Madingley Road, Cambridge.

DURHAM
The Registrar The University 48 North Bailey Durham.
The Secretary, Durham Colleges, 38 North Bailey Durham.
The Registrar King's College, Newcastle upon Tyne.
The Dean, Medical School, King College, Queen Victoria Road, Newcastle upon Tyne.
The Director Dove Marine Laboratory King College, Newcastle upon Tyne.

HULL
The Registrar The University Hull.

LEEDS
The Registrar, The University, Leeds, 2.
The Hon. Director Procter International Research Laboratory The University Leeds.

LIVERPOOL
The Registrar The University Liverpool, 3.
The Incorporated Liverpool School of Tropical Medicine, Pembroke Place, Liverpool, 3.
The Director Marine Biological Station, Port Erin, Isle of Man.

LONDON
The Principal, The University of London, Senate House, London, W C
The Academic Registrar University of London, Senate House, London, W C.1.
The External Registrar, University of London, Senate House, London, W C.1
The Secretary, Bedford College for Women, Inner Circle, Regent's Park, London, N W.1.
The Clerk, Birkbeck College, Malet Street, London, W C.1.
The Secretary The British Postgraduate Medical Federation, Gordon Square, London, W.C

Federated Institutes of the British Postgraduate Medical Federation

Postgraduate Medical School of London, Ducane Road, London, W
Institute of Cancer Research, Royal Cancer Hospital, Fulham Road, London, S W.3.
Institute of Child Health, Hospital for Sick Children, Great Ormond Street, London, W.C.
Institute of Dental Surgery, Eastman Dental Hospital, Royal Free Hospital, Gray's Inn Road, London, W.C.1
Institute of Laryngology and Otology 330–332 Gray's Inn Road, London, W C.1.
Institute of Neurology The National Hospital, Queen Square, London, W.C.1.
Institute of Obstetrics and Gynaecology, The Chelsea Hospital for Women, Dovehouse Street, London, S.W 3.
Institute of Ophthalmology, Judd Street, St. Pancras, London, W.C.1.
Institute of Orthopaedics, The Royal National Orthopaedic Hospital, 234 Great Portland Street, London, W.1.
Institute of Psychiatry Denmark Hill, London, S E 5.

Associated Institutes of the British Postgraduate Medical Federation

Institute of Basic Medical Sciences, Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2.
Institute of Cardiology, National Heart Hospital, Westmoreland Street, London, W.1.
Institute of Dermatology, St. John's Hospital for Diseases of the Skin, Lisle Street, Leicester Square, London, W.C.2.
Institute of Diseases of the Chest, The Brompton Hospital, London, S.W.3.
Institute of Urology, St. Peter's Hospital, Henrietta Street, Covent Garden, London, W.C.2.

The Registrar, Courtauld Institute of Art, 20 Portman Square, London, W.1.
The Director, East Malling Research Station, East Malling, Nr. Maidstone, Kent.
The Registrar, Imperial College of Science and Technology, Prince Consort Road, South Kensington, London, S.W.7.
The Secretary, Institute of Advanced Legal Studies, University of London, 25 Russell Square, London, W.C.1.
The Secretary, Institute of Archaeology, Inner Circle, Regent's Park, London, N.W.1.
The Secretary, Institute of Classical Studies, University of London, 30 Bedford Square, London, W.C.
The Librarian-Secretary, Institute of Commonwealth Studies, University of London, 27 Russell Square, London, W.C.
The Secretary, Institute of Education, University of London, Malet Street, London, W.C.1.
The Secretary, Institute of Germanic Languages and Literature, University of London, 28 Russell Square, London, W.C.1.
The Secretary, *Institute of Historical Research*, University of London, W.C.
The Registrar, John Innes Horticultural Institution, Bayfordbury, Hertford, Hertfordshire.
The Registrar, King's College, Strand, London, W.C.2.
The Secretary, Lister Institute of Preventive Medicine, Chelsea Bridge Road, London, S.W.1.
The Secretary, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2.
The Assistant Dean, London School of Hygiene and Tropical Medicine, Keppel Street (Gower Street), London, W.C.
The Secretary, Queen Elizabeth College, 8 Campden Hill Road, London, W.8.
The Registrar, Queen Mary College, Mile End Road, London, E.1.
The Director, Rothamsted Experimental Station, Harpenden, Herts.
The Registrar, Royal Holloway College, Englefield Green, Surrey.
The Bursar and Secretary, Royal Veterinary College, Royal College Street, Camden Town, London, N.W.
The Secretary, School of Oriental and African Studies, University of London, London, W.C.1.
The Dean, School of Pharmacy, Bloomsbury Square, London, W.C.
The Secretary, School of Slavonic and East European Studies, University of London, London, W.C.
The Secretary, University College, Gower Street, London, W.C.
The Secretary, Slade School of Fine Art, University College, Gower Street, London, W.C.
The Director, University Observatory, Mill Hill Park, London, N.W.7.
The Director, Warburg Institute, Imperial Institute Road, London, S.W.7.
The Secretary, Westfield College, Kidderpore Avenue, Hampstead, London, N.W.
The Secretary and Registrar, Wye College, Wye, near Ashford, Kent.

MANCHESTER
The Registrar, The University, Manchester 13.
The Principal, Municipal College of Technology, Manchester.

NOTTINGHAM
The Registrar, The University, Nottingham.

OXFORD
The Registrar, The University, Oxford.
The Keeper, Ashmolean Museum of Art and Archaeology, Oxford.
The Secretary, Institute of Statistics, St. Cross Road, Oxford.
The Curator, Pitt Rivers Museum, Oxford.

READING
The Registrar, The University, Reading.

SHEFFIELD
The Registrar, The University, Sheffield, 10.

SOUTHAMPTON
The Secretary and Registrar, The University, Highfield, Southampton.

WALES
The Registrar of the University of Wales, Cathays Park, Cardiff.
The Registrar, University College of Wales, Aberystwyth.
The Secretary and Registrar, University College of North Wales, Bangor.
The Registrar, University College of South Wales and Monmouthshire, Cathays Park, Cardiff.

The Registrar University College, Swansea.
The Secretary Welsh National School of Medicine, Cardiff.
The Principal, Cardiff Technical College, Cardiff.

SCOTLAND

ABERDEEN The Secretary, The University Aberdeen.
The Director North of Scotland College of Agriculture, 41½ Union Street, Aberdeen.
The Director Robert Gordon's Technical College, Aberdeen.

EDINBURGH The Secretary The University, Edinburgh.
The Principal, Edinburgh and East of Scotland College of Agriculture, 13 George Square, Edinburgh, 8.
The Principal, Heriot-Watt College, Chambers Street, Edinburgh.
The Director of Studies, Postgraduate Board of Medicine, Surgeons' Hall, 18 Nicolson Street, Edinburgh, 8.
The Principal, Royal (Dick) Veterinary College, Summerhall, Edinburgh, 9.

GLASGOW The Secretary and Registrar The University Glasgow W
The Secretary Royal Technical College, Glasgow C.1
The Principal, West of Scotland Agricultural College, 6 Blythswood Square, Glasgow, C.2.

ST ANDREWS The Secretary The University St. Andrews.

NORTHERN IRELAND

BELFAST The Secretary The Queen University of Belfast, Belfast, Northern Ireland.
The Principal, College of Technology Belfast, Northern Ireland.

UNIVERSITY COLLEGES

EXETER The Secretary, University College of the South-West of England, Exeter.

LEICESTER The Registrar University College of Leicester Leicester.

NORTH STAFFORDSHIRE The Registrar, University College of North Staffordshire, Keele, Staffordshire.

EXAMINING BODIES

Associated Examining Board,
1, Brechin Place,
South Kensington, London, S.W.7

University of Bristol School Examinations Committee
The University
Bristol, 8.

University of Cambridge Local Examinations Syndicate
Syndicate Buildings,
Cambridge.

University of Durham School Examinations Board,
6, Eldon Place
Newcastle upon Tyne

University Entrance and School Examinations Council,
University of London,
Senate House
London, W.C.1.

Joint Matriculation Board (The Universities of Manchester, Liverpool, Leeds, Sheffield and Birmingham)
315 Oxford Road,
Manchester 13.

Oxford Delegacy of Local Examinations,
18 Merton Street,
Oxford.

Oxford and Cambridge Schools Examination Board,
11 High Street,
Oxford.
10 Trumpington Street,
Cambridge.

Scottish Universities Entrance Board,
Westerlea,
Kennedy Gardens,
St. Andrews.

Welsh Joint Education Committee,
30 Cathedral Road,
Cardiff.

The names and addresses of certain institutions which conduct professional examinations will be found in the following sections.

ADDRESSES OF TECHNICAL COLLEGES AND OTHER INSTITUTIONS MENTIONED IN THIS HANDBOOK

Communications should be addressed to the Principal in each case, unless otherwise stated

ABERDEEN. Dunfermline College of Hygiene and Physical Education, Woolmanhill, Aberdeen.
North of Scotland College of Agriculture, 41½ Union Street, Aberdeen.
Robert Gordon's Technical College, Aberdeen.
AMBLESIDE. Freshwater Biological Association, Wray Castle, Ambleside, Westmorland.
ANSTEY College of Physical Education. See under BIRMINGHAM.
ARCHITECTURAL Association School of Architecture. See under LONDON.
ARTS Educational Schools Ltd. See under LONDON and TRING.
ASSOCIATION of Certified and Corporate Accountants. See under LONDON.
BARNSLEY Mining and Technical College, Barnsley, Yorkshire.
BARROW-IN-FURNESS Technical College, Barrow-in-Furness, Lancashire.
BATH. Bath Academy of Art, Corsham Court, Wiltshire.
Domestic Science Training College, Brougham Hayes, Bath.
Technical College, Lower Borough Walls, Bath.
BECKENHAM School of Art, Beckenham Road, Beckenham, Kent.
BEDFORD Physical Training College, Lansdowne Road, Bedford.
BELFAST College of Technology, Belfast, Northern Ireland.
BIRKENHEAD Technical College, Tranmere, Birkenhead.
BIRMINGHAM. Anstey College of Physical Education, Sutton Coldfield, near Birmingham.
Birmingham and Midland Institute, Paradise Street, Birmingham.
Birmingham College of Technology, Suffolk Street, Birmingham.
City of Birmingham College of Commerce, Broad Street, Birmingham.
College of Arts and Crafts, Margaret Street, Birmingham, 3.
Westhill Training College, Selly Oak, Birmingham, 29.
BLACKBURN Technical College, Blackburn, Lancashire.
BLACKPOOL Technical College and School of Art, Blackpool.
BOLTON Technical College, Bolton, Lancashire.
BOURNEMOUTH Municipal College, Bournemouth, Hampshire.
BRADFORD Civic Playhouse Theatre School, 26 Chapel Street, Bradford, Yorkshire.
Regional College of Art, Great Horton Street, Bradford.
Technical College, Great Horton Street, Bradford.
BRETTON Hall Training College, Bretton, near Wakefield, Yorkshire.
BRIGHTON College of Arts and Crafts, Brighton, Sussex.
Technical College, Brighton.
BRISTOL College of Commerce, Bristol.
College of Technology, Unity Street, Bristol.
Old Vic Theatre School, Theatre Royal, King Street, Bristol.
West of England College of Art, Queen's Road, Clifton, Bristol.
BRITISH Association of Physical Medicine. See under LONDON.
BRITISH Boot and Shoe Institution. See under NORTHAMPTON.
BRITISH Institute of Management. See under LONDON.
BRITISH Orthoptic Association. See under LONDON.
BRITISH Tuberculosis Association. See under LONDON.
BURSLEM School of Art. See under STOKE-ON-TRENT.
BURNLEY Municipal College, Burnley, Lancashire.
CAMBERLEY Mortimer School of Ballet, Elmhurst, Camberley, Surrey.
CAMBRIDGE. Cambridgeshire Technical College, Collier Road, Cambridge.
Homerton Training College, Cambridge.
CARDIFF College of Technology and Commerce, Cathays Park, Cardiff.
Training College of Domestic Arts for South Wales and Monmouthshire, 6 St. Andrew's Place, Cardiff.
CARNEGIE College. See LEEDS.
CHARTERED Institute of Secretaries. See under LONDON.
CHELMSFORD. Mid-Essex Technical College, Chelmsford, Essex.
CHELSEA College of Physical Education. See under EASTBOURNE.
CHELTENHAM. Royal Gloucestershire Technical College, Lansdowne Road, Cheltenham.
CIRENCESTER. Royal Agricultural College, Cirencester, Gloucestershire.
CITY & GUILDS of London Institute. See under LONDON.
CONJOINT Board of the Royal College of Physicians of London and the Royal College of Surgeons of England. See under LONDON.

CONSTANTINE Technical College. See under MIDDLESBROUGH.
COVENTRY Municipal Technical College, Coventry, Warwickshire.
CRANFIELD, College of Aeronautics, Cranfield, Bedfordshire.
CRANLEIGH, Montessori Training College, [illegible], Cranleigh, Surrey.
CROYDON, Royal School of Church Music, Addington Palace, Croydon. (The Secretary.)
DALCROZE Training Centre in Eurhythmics. See under LONDON.
DARTFORD College of Physical Education (Bergman-Osterberg College), Dartford Heath, Dartford, Kent.
DERBY Technical College, Normanton Road, Derby.
DEWSBURY & BATLEY Technical and Art College, Dewsbury, Yorkshire.
DUNDEE College of Art, Dundee.
Technical College, Dundee.
DUNFERMLINE College of Hygiene and Physical Education. See under ABERDEEN.
EASTBOURNE, Chelsea College of Physical Education, Denton Road, Eastbourne, Sussex.
EDINBURGH College of Domestic Science, Atholl Crescent, Edinburgh.
College of Art and School of Architecture, Lauriston Place, Edinburgh, 3.
Edinburgh and East of Scotland College of Agriculture, 13 George Square, Edinburgh, 8.
Heriot-Watt College, Chambers Street, Edinburgh.
Royal College of Surgeons of Edinburgh, [illegible] Nicolson Street, Edinburgh. (The Clerk.)
Royal College of Physicians of Edinburgh, 9 Queen Street, Edinburgh. (The Secretary.)
Royal (Dick) Veterinary College, Edinburgh, 9.
Scottish Leadership Training Association, 3 Melville Street, Edinburgh, 3.
Society of Accountants in Edinburgh, 27 Queen Street, Edinburgh.
FACULTY of Radiologists. See under LONDON.
FARADAY House. See under LONDON.
FELLOWSHIP of Postgraduate Medicine. See under LONDON.
FLEETWOOD Navigation School, Ocean Buildings, Station Road, Fleetwood, Lancashire.
FOLKESTONE Technical College, The Grange, Shorncliffe Road, Folkestone, Kent.
FROEBEL Educational Institute. See under LONDON.
GATESHEAD Technical College, Durham Road, Gateshead, 9, Durham.
GALASHIELS, Scottish Woollen Technical College, Galashiels, Scotland.
GLASGOW and West of Scotland College of Domestic Science, [illegible] Park Drive, Glasgow, C.3.
Glasgow and West of Scotland Commercial College, Pitt Street, Glasgow.
Royal Faculty of Surgeons and Physicians of Glasgow, 242 St. Vincent Street, Glasgow, C.2.
Glasgow [illegible] Hospital, [illegible] Richmond Street, Glasgow.
Royal Scottish Academy of Music, St. George's Place, Glasgow, C.2.
Royal Technical College, George Street, Glasgow, C.
School of Art, 167 Renfrew Street, Glasgow.
Scottish School of Physical Education and Hygiene, Jordanhill Training Centre, Glasgow, W.3.
Stow College, 43 Shamrock Street, Glasgow, C.4.
West of Scotland Agricultural College, [illegible] Blythswood Square, Glasgow, C.2.
GLOUCESTER, Gloucestershire Training College of Domestic Science, Barrack Square, Gloucester.
GUILDFORD County Technical College, Stoke Park, Guildford.
GUILDHALL School of Music. See under LONDON.
GREENOCK, Watt Memorial Engineering and Navigation School, Dalrymple Street, Greenock, Renfrewshire.
GRIMSBY Nautical School, Orwell Street, Grimsby, Lincolnshire.
HALIFAX Municipal Technical College, Halifax, Yorks.
HARPER Adams Agricultural College. See under NEWPORT.
HASTINGS Hotel and Catering School, 42 West Hill, St. Leonards, Sussex.
HENLEY-ON-THAMES, Administrative Staff College, Henley-on-Thames, Oxfordshire.
HIGH WYCOMBE College of Further Education, High Wycombe, Bucks.
HOMERTON Training College. See under CAMBRIDGE.
HUDDERSFIELD Technical College, Huddersfield, Yorks.
HULL, [illegible] Navigation School, Trinity House, Hull, Yorks.
Boulevard Nautical School, Hull.
College of Arts and Crafts, Anlaby Road, Hull.
College of Commerce, Brunswick Avenue, Hull.
Municipal Technical College, Park Street, Hull.
I. M. MARSH College of Physical Education. See under LIVERPOOL.
INSTITUTE of Bankers. See under LONDON.
INSTITUTE of Chartered Accountants. See under LONDON.
INSTITUTE of Cost and Works Accountants. See under LONDON.
INSTITUTE of Municipal Treasurers and Accountants. See under LONDON.
INSTITUTE of Physics. See under LONDON.
INSTITUTE of Transport. See under LONDON.
INSTITUTION of Chemical Engineers. See under LONDON.
INSTITUTION of Civil Engineers. See under LONDON.
INSTITUTION of Electrical Engineers. See under LONDON.
INSTITUTION of Mechanical Engineers. See under LONDON.
INSTITUTION of Metallurgists. See under LONDON.
INSTITUTION of Production Engineers. See under LONDON.
INSTITUTION of the Rubber Industry. See under LONDON.
KINGSTON UPON THAMES Technical College, Kingston Hall Road, Kingston upon Thames, Surrey.
School of Art, Knight's Park, Kingston upon Thames.
LADY MABEL College of Physical Education. See under ROTHERHAM.

LEEDS, Carnegie College of Physical Education, Beckett Park, Leeds.
College of Art, Leeds.
College of Commerce, 43 Woodhouse Lane, Leeds.
College of Technology, Leeds.
Yorkshire Training College of Housecraft, Vernon Road, Leeds.
LEITH Nautical College, Commercial Street, Leith, Edinburgh 6.
LEICESTER, Domestic Science Training College, Knighton Fields, Leicester
College of Art, The Newarke, Leicester
College of Technology and Commerce, The Newarke, Leicester.
LIBRARY Association. See under LONDON
LIVERPOOL, College of Commerce, Tithebarn Street, Liverpool, 2.
College of Art, Hope Street, Liverpool
College of Technology, Byrom Street, Liverpool.
F. L. Calder College of Domestic Science, Myrtle Street, Liverpool, 7
I. M. Marsh College of Physical Education, Barkhill Road, Liverpool, 7
LONDON (*Institutions marked * have teachers recognized by the University of London*)
Acton Technical College, High Street, Acton, London, W.3.
Architectural Association School of Architecture, 34-6 Bedford Square, London, W.C.1.
Association of Certified and Corporate Accountants, 22 Bedford Square, London, W.C.
Arts Educational Schools Ltd 23 Lees Place, North Audley Street, London, W.1.
Battersea Polytechnic, Battersea Park Road, London, S.W.
Battersea Training College of Domestic Science, Manor House Clapham Common, London S.W.4.
Borough Polytechnic, Borough Road, London, S.E.
British Association of Physical Medicine, 45 Lincoln's Inn Fields, London, W.C.2. (The Secretary)
British Institute of Management, 8 Hill Street, London, W. (The Secretary)
British Orthopaedic Association, 45 Lincoln's Inn Fields, London, W.C. (The Secretary)
British Tuberculosis Association, 18 Grosvenor Place, London, S.W. (The Secretary)
Brixton School of Building, Ferndale Road, London, S.W.4.
Camberwell School of Arts and Crafts, Peckham Road, London, S.E.5.
Central School of Arts and Crafts, Southampton Row London, W.C.
Central School of Speech Training and Dramatic Art, Royal Albert Hall, London, S.W.7
Chartered Institute of Secretaries, 6 George Street, London, E.C.4 (The Secretary)
Chelsea Polytechnic* Manresa Road, London, S.W.3.
City & Guilds of London Institute Technology Department (Examinations) 3 Brechin Place London, S.W.7 (The Director)
City of London College, Moorgate, London, E.C.2.
City Literary Institute, Stukeley Street, Drury Lane, London, W.C.2.
College for the Distributive Trades, 07 Charing Cross Road, London, W.C.2.
College of Aeronautical and Automobile Engineering, Sydney Street, Chelsea, London, S.W.3.
College of Estate Management* 6 St. Alban's Grove, London, W.8.
Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England, Examination Hall, Queen Square, London, W.C. (Secretary of the Examining Board)
Cordwainers' Technical College, 18a Mare Street, Hackney London, E.8.
Dalcroze Training Centre in Eurhythmics, 22 Newton Road, London, W.2.
East London College of Commerce, Wallace Road, Whitechapel Road, London, E.
Faculty of Radiologists, 45 Lincoln's Inn Fields, London, W.C.2. (The Secretary)
Faraday House, 62 Southampton Row London, W.C.1.
Fellowship of Postgraduate Medicine, Wimpole Street, London, W. (The Secretary)
Froebel Educational Institute, Grove House, Roehampton Lane, London, S.W. 5.
Garnett College, 83 New Kent Road, London, S.E.
Goldsmiths' College* New Cross, London, S.E.14 (The Warden)
Guildhall School of Music and Drama, John Carpenter Street, Victoria Embankment, London, E.C.4.
Hammersmith School of Building and Arts and Crafts, Lime Grove, London, W.12.
Institute of Bankers, Birchin Lane, London, E.C.3. (The Secretary)
Institute of Chartered Accountants in England and Wales, Moorgate Place, London, E.C.2 (The Secretary)
Institute of Cost and Works Accountants, 63 Portland Place, London, W. (The Secretary)
Institute of Municipal Treasurers and Accountants, Buckingham Place, London, S.W. (The Secretary)
Institute of Physics, 7 Belgrave Square, London, S.W.1. (The Secretary)
Institute of Transport, 80 Portland Place, London, W.1. (The Secretary)
Institution of Chemical Engineers, 56 Victoria Street, London, S.W. (The Secretary)
Institution of Civil Engineers, Great George Street, London, S.W.1. (The Secretary)
Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London, W.C.2. (The Secretary)
Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1. (The Secretary)
Institution of Metallurgists, 4 Grosvenor Gardens, London, S.W.1 (The Secretary)
Institution of Production Engineers, 36 Portman Square, London, W. (The Secretary)
Institution of the Rubber Industry Whitehall, London, S.W.1. (The Secretary)
Jews' College Woburn House, Tavistock Square, London, W.C.
Joint Advisory Board of the Optical Profession, 65 Brook Street, London, W.1. (The Secretary)
King Edward VII Nautical School, 680 Commercial Road, London, E. 4.
Laycock School, Brunswick Place, City Road, London, N.1.

Library Association, Chaucer House, Malet Place, London, W.C.1. (The Secretary)
London Academy of Music and Dramatic Art, Tower House, Cromwell Road, London, S.W.5.
London Refraction Hospital, 58 Newington Causeway, London, S.E.1.
London School of Foreign Trade, Toynbee Hall, Commercial Street, London, E
London School of Printing and Graphic Arts, 61 Stamford Street, London, S.E.
London Violoncello School, 34 Nottingham Place, London, W
Maria Grey Training College, The Avenue, Brondesbury, London, N.W.6.
National College of Food Technology, Eagle Court, St. John's Lane, London, E.C
National College of Heating, Ventilating, Refrigeration and Fan Engineering, Borough Polytechnic, Borough Road, London, S.E.1.
National College of Horology and Instrument Technology, Northampton Polytechnic, St. John Street, London, E.C.
National College of Rubber Technology, Holloway Road, London, N.7.
National Leathersellers' College, 176 Tower Bridge Road, London, S.E.
National Society's Training College of Domestic Subjects, Berridge House, Hampstead, London, N.W.6.
National Training College of Domestic Subjects, 72-78 Buckingham Palace Road, London, S.W
Northampton Polytechnic*, St. John Street, London, E.C
Northern Polytechnic*, Holloway Road, London, N.7.
North-Western Polytechnic, Prince of Wales Road, Kentish Town, London, N.W.5.
Norwood Technical College, Knights' Hill, London, S.E.27.
Nursing Appointments Office, Ministry of Labour and National Service, 1-6 Tavistock Square, London, W.C.1 (The Secretary)
Nursing Recruitment Service, 21 Cavendish Square, London, W (The Secretary)
Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C. (The Secretary
Phyllis Bedells School of Ballet, 28 Queen's Road, West Hampstead, London, N.W.6.
Plastics Institute, Adelphi, Adam Street, London, W.C.2. (The Secretary)
The Polytechnic, Regent Street, London, W
Pulteney School, Peter Street, Wardour Street, London, W
Queen's Institute of District Nursing, 57 Lower Belgrave Street, London, S.W.1. (The Secretary)
Rachel McMillan College, Creek Road, Deptford, London, S.E.8
Rambert School of Ballet, Mercury Theatre, Ladbroke Road, London, W
Royal Academy of Dancing, 14 Holland Park Avenue, London, W
Royal Academy of Music*, Marylebone Road, London, N.W.1.
Royal Academy Schools of Painting, Sculpture and Architecture, Burlington House, London, W
Royal College of Art, South Kensington, London, S.W.7
Royal College of Music*, Prince Consort Road, London, S.W.7
Royal College of Nursing, Henrietta Place, Cavendish Square, London, W
Royal College of Obstetricians and Gynaecologists, 58 Queen Anne Street, London, W (The Secretary)
Royal College of Organists, Kensington Gore, London, S.W.7.
Royal College of Physicians of London, Pall Mall East, London, S.W (The Secretary)
Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2. (The Secretary)
Royal College of Veterinary Surgeons, 10 Red Lion Square, London, W.C.1. (The Secretary)
Royal Institute of British Architects, 66 Portland Place, London, W (The Secretary)
Royal Institute of Chemistry, 30 Russell Square, London, W.C. (The Secretary)
Royal Institute of Public Health and Hygiene, 28 Portland Place, London, W (The Secretary)
Royal Institution of Chartered Surveyors, 12 Great George Street, London, W (The Secretary)
Royal Medico-Psychological Association, Chandos Street, Cavendish Square, London, W (The Secretary)
Royal Military School of Music, Kneller Hall, Twickenham.
Royal Sanitary Institute, 90 Buckingham Palace Road, London, S.W (The Secretary)
Royal Society of Arts, 28 Victoria Street, London, S.W.1. (The Secretary)
Sadler's Wells Ballet School, 45 Colet Gardens, London, W.14.
St. Martin's School of Art, 109 Charing Cross Road, London, W.C.2.
Shoreditch Training College, Curtain Road, London, E.C.2
[illegible] London School of [illegible], [illegible], London, W.8.
Sir John Cass College*, Jewry Street, Aldgate, London, E.C.3
Society of Apothecaries, Blackfriars Lane, London, E.C.4. (The Secretary)
Society of Incorporated Accountants and Auditors, Incorporated Accountants' Hall, Temple Place, Victoria Embankment, London, W.C.2. (The Secretary)
South East Essex Technical College and School of Art, Dagenham.
South East London Technical College, Lewisham Way, London, S.E.4
South West Essex Technical College and School of Art, Forest Road, Walthamstow, London, E.
Southlands Training College, Wimbledon Park Side, London, S.W.19.
Spring Grove Polytechnic, London Road, Isleworth.
Technical College for the Furnishing Trades, Pitfield Street, London, N
Trinity College of Music, Mandeville Place, Manchester Square, London, W
Webber-Douglas School of Singing and Dramatic Art, Clareville Street, London, S.W
West Ham College of Technology*, Romford Road, London, E.
Westminster Technical College, Vincent Square, London, S.W
Woolwich Polytechnic, Thomas Street, Woolwich, London, S.E.18.
Young Men's Christian Association, Great Russell Street, London, W.C.1. (The Secretary)
Young Women's Christian Association, Great Russell Street, London, W.C. (The Secretary)

LOUGHBOROUGH College, Loughborough, Leics.
College of Further Education, Loughborough, Leics.

The Co-operative College, Loughborough, Leics.
Training College, Loughborough, Leics.
LOWESTOFT Technical Institute, Lowestoft.
MANCHESTER College of Art, Manchester 3.
College of Commerce, Princess Street, Manchester.
College of Housecraft, High Street, Manchester 13.
Domestic and Trades College, 289 Wilmslow Road, Manchester 14.
Royal Manchester College of Music, Ducie Street, Oxford Road, Manchester 3.
Textile Institute, 10 Blackfriars Street, Manchester 3.
MIDDLESBROUGH. Constantine Technical College, Middlesbrough, Yorkshire.
MONTESSORI Training College. See under CRANLEIGH.
NATIONAL College of Food Technology. See under LONDON.
NATIONAL College of Heating, Ventilating, Refrigeration and Fan Engineering. See under LONDON.
NATIONAL College of Horology and Instrument Technology. See under LONDON.
NATIONAL College of Rubber Technology. See under LONDON.
NATIONAL Foundry College. See under WOLVERHAMPTON.
NATIONAL Leathersellers' College. See under LONDON.
NATIONAL Society Training College of Domestic Subjects. See under LONDON.
NATIONAL Training College of Domestic Subjects. See under LONDON.
NEWCASTLE UPON TYNE Municipal College of Commerce, College Street, Newcastle upon Tyne.
Nellie Force School of Ballet, 144 Manor House Road, Jesmond, Newcastle upon Tyne, 2.
Northern Counties Training College of Cookery and Domestic Science, Northumberland Road, Newcastle upon Tyne.
Rutherford Technical College, Bath Lane, Newcastle upon Tyne.
NEWPORT (Shropshire). Harper Adams Agricultural College, Newport, Shropshire.
NEWTON ABBOT (Devon). Seale-Hayne Agricultural College, Newton Abbot, Devon.
NONINGTON College of Physical Education, St. Albans' Court, Nonington, Kent.
NORTH of Scotland College of Agriculture. See under ABERDEEN.
NORTHAMPTON Polytechnic. See under LONDON.
NORTHAMPTON College of Technology, Northampton.
British Boot and Shoe Institution, 5 College Street, Northampton. (The Secretary)
NORTHERN Polytechnic. See under LONDON.
NORTHERN Counties College of Cookery and Domestic Science. See under NEWCASTLE UPON TYNE.
NORTH-WESTERN Polytechnic. See under LONDON.
NORWICH City College and Art School, Norwich.
NOTTINGHAM. Clarendon College of Further Education, Clarendon Street, Nottingham.
College of Arts and Crafts, Nottingham.
Nottingham and District Technical College, Shakespeare Street, Nottingham.
NURSING Appointments Office. See under LONDON.
NURSING Recruitment Centre. See under LONDON.
OXFORD College of Technology, Art and Commerce, Oxford.
PAISLEY Technical College, Paisley, Renfrewshire.
PHARMACEUTICAL Society of Great Britain. See under LONDON.
PLYMOUTH and Devonport Technical College, Tavistock Road, Plymouth, Devon.
Marine Biological Association, Citadel Hill, Plymouth.
Technical School of Housecraft, 40 Portland Square, Plymouth.
PORTSMOUTH Municipal College, Portsmouth, Hampshire.
QUEEN'S Institute of District Nursing. See under LONDON.
RAMSGATE. Isle of Thanet Technical College, High Street, Ramsgate, Kent.
ROBERT Gordon's Technical College. See under ABERDEEN.
ROSE BRUFORD Training College of Speech and Drama. See under SIDCUP.
ROTHERHAM. The Lady Mabel College of Physical Education, Wentworth Woodhouse, near Rotherham, Yorkshire.
College of Technology, Howard Street, Rotherham.
ROYAL Academy of Dancing. See under LONDON.
ROYAL Academy of Dramatic Art. See under LONDON.
ROYAL Academy of Music. See under LONDON.
ROYAL College of Music. See under LONDON.
ROYAL College of Nursing. See under LONDON.
ROYAL College of Obstetricians and Gynaecologists. See under LONDON.
ROYAL College of Organists. See under LONDON.
ROYAL College of Physicians of Edinburgh. See under EDINBURGH.
ROYAL College of Physicians of London. See under LONDON.
ROYAL College of Surgeons of Edinburgh. See under EDINBURGH.
ROYAL College of Surgeons of England. See under LONDON.
ROYAL College of Veterinary Surgeons. See under LONDON.
ROYAL Faculty of Physicians and Surgeons of Glasgow. See under GLASGOW.
ROYAL Institute of British Architects. See under LONDON.
ROYAL Institute of Chemistry. See under LONDON.
ROYAL Institute of Public Health and Hygiene. See under LONDON.
ROYAL Institution of Chartered Surveyors. See under LONDON.
ROYAL Medico-Psychological Association. See under LONDON.
ROYAL Military School of Music. See under LONDON.
ROYAL Normal College and Academy of Music for the Blind. See under SHREWSBURY.

ROYAL Sanitary Institute. See under LONDON.
ROYAL Scottish Academy of Music. See under GLASGOW
ROYAL Technical College. See under GLASGOW
SALFORD Royal Technical College, Peel Park, Salford, 5.
SCOTTISH Leadership Training Association. See under EDINBURGH.
SCOTTISH School of Physical Training and Hygiene. See under GLASGOW
SCOTTISH Woollen Technical College. See under GALASHIELS.
SEALE-HAYNE Agricultural College. See under NEWTON ABBOT
SHEFFIELD College of Commerce and Technology Salmon Pastures, Warren Street, Sheffield.
SHREWSBURY Royal Normal College and Academy of Music for the Blind, Rowton Castle near Shrewsbury, Shropshire.
Shropshire College of Domestic Science, Radbrook, Shrewsbury
SIDCUP Rose Bruford Training College of Speech and Drama, Lamorbey Park, Sidcup, Kent.
SIGURD LEEDER School of Dance. See under LONDON.
SOCIETY of Accountants in Edinburgh. See under EDINBURGH.
SOCIETY of Apothecaries. See under LONDON
SOCIETY of Incorporated Accountants and Auditors. See under LONDON.
SOUTH SHIELDS Marine and Technical College, South Shields, Durham.
SOUTHLANDS Training College. See under LONDON.
STOURBRIDGE School of Arts and Crafts, Hanley Road, Stourbridge Worcs.
STOKE-ON-TRENT Burslem School of Art, Queen Street, Burslem, Stoke-on-Trent, Staffordshire.
North Staffordshire Technical College, Victoria Road, Stoke-on-Trent.
STOW College. See under GLASGOW
STUDLEY College of Agriculture (for women) Studley Warwickshire
SUNDERLAND Technical College, Sunderland, Durham.
SWANSEA Municipal Technical College, Swansea, Glamorgan, South Wales.
TEXTILE Institute. See under MANCHESTER.
TORQUAY South Devon Technical College, Torquay Road, Torquay, Devon
TREFOREST Glamorgan Technical College, Treforest, near Pontypridd, Glamorgan, South Wales.
TRENT PARK Training College, Barnet, Herts.
TRING Arts Educational Schools Ltd., Tring Park, Tring, Herts.
TRINITY College of Music. See under LONDON
WEST HARTLEPOOL Technical College, West Hartlepool Durham.
WEST of Scotland College of Agriculture. See under GLASGOW
WIGAN and District Mining and Technical College, Wigan, Lancashire.
WOLVERHAMPTON, National Foundry College Wolverhampton.
South Staffordshire High School of Commerce Wolverhampton
Wolverhampton and Staffordshire Technical College Wulfruna Street, Wolverhampton
YOUNG Men's Christian Association. See under LONDON.
YOUNG Women's Christian Association. See under LONDON.

ADDRESSES OF BRITISH COUNCIL REPRESENTATIVES OVERSEAS

Communications should be addressed to The Representative, The British Council, in each case, unless otherwise stated.

ARGENTINA	Lavalle 190, Buenos Aires.
AUSTRIA	Freyung [illegible] Vienna.
BARBADOS	"Wakefield," Bridgetown.
BELGIUM	23 Avenue Marnix, Brussels.
BRAZIL	Caixa Postal 2237, Edificio 7 de Setembro, 10° Andar, Avenida Churchill 129, Rio de Janeiro.
BRITISH GUIANA	Robb Street, Georgetown.
BURMA	90 Strand Road, Rangoon.
CEYLON	Minerva House, Galle Road, Colpetty Colombo.
CHILE	Miraflores 495, Santiago.
COLOMBIA	Edificio Sucre, Avenida Jimenez de Quesada 8–74, Bogota.
CYPRUS	P.O. Box 371 10 Gladstone Street, Nicosia.
DENMARK	Rosenvaengets Allé 32, Copenhagen.
EAST AFRICA	P.O. Box 71, Empress House, Gulzaar Street, Nairobi, Kenya.
EGYPT	22 Sharia Adly Pasha, Cairo.
FIJI	Fiji Trading Company Buildings, Box 425, Suva.
FINLAND	Lampalatu, Helsinki.
FRANCE	28 Avenue des Champs Elysées, Paris VIIIe.
GAMBIA	P.O. Box 1 Clifton Road, Bathurst.
GERMANY	See note below
GIBRALTAR	Calpe Institute, 277 Main Street, Gibraltar.
GOLD COAST	P.O. Box 77 Behind the European Club, Accra.
GREECE	7 Plateia Kolonaki, Athens
HASHEMITE KINGDOM OF THE JORDAN	Abou Qora Building, Wadi Seer Street, Amman.
HONG KONG	Gloucester Building, Hong Kong.
INDIA	Indra Palace Lodge, Block H, Connaught Place, New Delhi.
	The Deputy Representative, The British Council, French Bank Building Hornby Street, Bombay
	The Regional Representative, The British Council, 5 Theatre Road, Calcutta, 16
	The Regional Representative, The British Council, 50-B Mount Road, Madras, 2.
INDONESIA	D.E.N.I.S. Building, Djalan Braga 12/1 Bandung, Java.
IRAQ	P.O. Box 298, King Ali Bridge Street, Rashid Street, Baghdad.
ISRAEL	68 Hayarkon Street, Tel Aviv
ITALY	Palazzo del Drago, Via Quattro Fontane 20, Rome.
JAMAICA	1 East Street, Kingston.
JAPAN	Maruzen Building, 9th Floor, 6, 2-Chome Tori, Nihonbashi, Chuo-Ku, Tokyo.
LEBANON	Immeuble Fuad Azar Rue Sidani Sadat, Ras-Beirut.
MALAYA, Federation of	P.O. Box 539, Tanglin Hospital, Young Road, Kuala Lumpur.
MALTA, G.C.	85 West Street, Queen Adelaide Square, Valletta.
MAURITIUS	Rose Hill, Mauritius.
MEXICO	Apto. 10875, Paseo 10, Mexico, D.F.
NETHERLANDS	Herengracht 468, Amsterdam.
NIGERIA	6 Tinubu Square, P.O. Box 55, Lagos.
NORTHERN RHODESIA	P.O. Box 415, Government Offices, Ndola.
NORWAY	Fridtjof Nansens Plass 5, Oslo.
NYASALAND	P.O. Box 294, Smythe Road, Queen Mary Avenue, Blantyre.
PAKISTAN	8-10 Ismangani Building, Rambaugh Road, Karachi.
	The Regional Representative, The British Council, P.O. Box 58 7 Naamuddin Road, Dacca, East Pakistan.
	The Regional Representative, The British Council, Allahabad Bank Building, Bank Square, The Mall, Lahore.
PERU	Apto. 2026, Camana 787 Lima.
POLAND	29 Al. Jerozolimskie, Warsaw.
PORTUGAL	Rua de Luis Fernandes 3, Lisbon.
SARAWAK	Opposite the Rest House, Kuching
SIERRA LEONE	P.O. Box 24, Government Avenue, Freetown.
SINGAPORE	Stamford Road, Singapore 6.
SPAIN	Calle de Almagro 5, Madrid.

SWEDEN	[illegible], Stockholm.
SWITZERLAND	[illegible] 4, Zurich, 2.
SYRIA	University Street, Damascus.
THAILAND	[illegible] Chulalongkorn Road, Bangkok.
TRINIDAD	White Hall, Maraval Road, Port of Spain.
TURKEY	7 Ziya Gokalp Caddesi, Yenisehir Ankara.
UGANDA	P.O. Box [illegible], Kampala.
URUGUAY	c/o *Instituto Cultural Anglo-Uruguayo, Avenida Agraciada 1464, 1er Piso,* Montevideo.
VENEZUELA	Calle Sur [illegible], No. [illegible], Caracas.
YUGOSLAVIA	I Maja 34, Belgrade.

Any Enquiries, which in other countries would be directed to the British Council, should in Germany be directed to: The Deputy Cultural Relations Adviser, U.K. High Commission in Germany, Wahnerheide (?), Rhineland.

BRITISH COUNCIL OFFICES AND CENTRES IN THE UNITED KINGDOM

LONDON	
Headquarters	65 Davies Street, W
Student Welfare Centre	3 Hanover Street, W

ABERDEEN	Provost Ross' House, Shiprow Aberdeen
BELFAST	1 Chlorine Gardens
BIRMINGHAM	Georgian House, 9/ Easy Row Birmingham,
BRISTOL	7 Priory Road, Clifton
CAMBRIDGE	Portugal Place
CARDIFF	32/33 St. Mary Street.
EDINBURGH	Old Corn Exchange, Grassmarket, Edinburgh.
EXETER	'Brookfield' New North Road.
GLASGOW	West George Street, Glasgow C.2.
KINGSTON UPON HULL	Mail Buildings, Jameson Street.
LEEDS	207 Woodhouse Lane.
LIVERPOOL	1 Bennett Street, Liverpool,
MANCHESTER	Woodstock, 139 Barlow Moor Road, West Didsbury Manchester 20.
NEWCASTLE UPON TYNE	Windsor Crescent, Jesmond.
NOTTINGHAM	Adult Education Centre, 14/22 Shakespeare Street.
OXFORD	Black Hall, St. Giles'
SHEFFIELD	14 Wellesley Road, Sheffield,
SOUTHAMPTON	6 Northlands Road
STRATFORD UPON AVON	Hall's Croft, Old Town.

ADMISSION OF OVERSEAS STUDENTS TO FIRST DEGREE COURSES IN UNITED KINGDOM UNIVERSITIES

A comparison of the regulations governing admission to the various United Kingdom universities reveals a general agreement in principle, with certain divergencies in application.

Before inserting a student's name on its matriculation register, each University requires evidence that the applicant's intellectual equipment fits him to undertake a course of study for a degree. This is usually tested either by an entrance examination held by the university or by the candidate's performance in an alternative exempting examination. For many years the School and Higher School Certificates were the principal exempting examinations in England and Wales, but since 1951 they have been superseded by the General Certificate of Education.

Examinations for the General Certificate of Education are held by nine British examining bodies[1] (some of which hold examinations in overseas centres) and are open to candidates who are at least 16 years of age on 1st September of the year of examination (headmasters have discretion to enter younger pupils). Subjects may be taken at one of two levels—Ordinary or Advanced (with Scholarship papers available to serve selective purposes)—and the General Certificate of Education, which is issued to every candidate who reaches pass standard in any subject, indicates the subjects and levels at which passes have been obtained.

The holder of a General Certificate of Education awarded by any of the examining bodies may submit it to any university in the United Kingdom for the purpose of meeting that university's minimum entrance requirements which, though they may vary to some degree from those of other universities, will approximate to the following scheme:

(i) A candidate must pass in English Language and in either four or five other subjects; (ii) the subjects must include (a) a language other than English[2] and (b) either mathematics or an approved science subject; (iii) at least two of the subjects must be passed at the Advanced level[3]; (iv) candidates who offer only four subjects in addition to English Language must pass at one and the same sitting in two subjects at the Advanced level and in one subject not related to the subjects offered at the Advanced level.

Although there are minor differences between the requirements of the several universities, some universities have decided to regard as eligible for matriculation

Addresses on page 14. The General Certificate of Education Examination of the Oxford and Cambridge Schools Examination Board, the Oxford Local Examinations Delegacy, and the University of London may be taken at overseas centres. The Cambridge Local Examinations Syndicate continues to award an Overseas School Certificate and a Higher School Certificate, the examinations for which may be taken only at overseas centres. Under certain conditions success in these examinations carries exemption from university entrance examinations.

2. Oxford has retained the requirement of a pass in two languages other than Latin or Greek, but at Cambridge, while Latin or Greek is still required, two other approved subjects may be offered in place of the second language other than English. For languages which may be offered by students from Asia or Africa in place of Latin or Greek, see pages 160, 161 and 163.

3. Oxford and Cambridge have decided not to require the passing of two subjects at Advanced level

candidates who possess General Certificate of Education which satisfies the requirements of another university in Great Britain or Northern Ireland.

The universities take account of the fact that these usual entrance tests relate to secondary education curricula different from those which obtain in countries overseas, and that many overseas students have reached stage in their education t which the passing of ordinary entrance tests would involve wasteful repetition of preparatory studies. They accordingly provide for the submission by such students of other evidence of academic qualifications, ordinarily certificates[1] (relating to, for example, Matriculation Examinations, *Abiturienten-examen*, *Baccalauréat* Examinations) which would entitle to admission to an approved university in the student's own country together with such further evidence as may be necessary to ensure that no student shall be admitted to course of study for degree without reasonable prospect of his being able to pursue it to graduation.

Students whose mother tongue is not English must prove to the university authorities that their mastery of English is sufficient to enable them to follow courses of instruction in that language.

In many cases there are additional faculty requirements to be satisfied before matriculated student may enter on specific degree course.

Most Oxford and Cambridge Colleges require candidates to pass college examination in addition to satisfying the university entrance requirements.

It does not follow that any student, although having the minimum educational qualification for admission in accordance with the previous paragraphs, will in fact be admitted to university in particular year The number of places available in any one year is restricted and most universities have under present conditions long waiting lists from which selections are made for the offer of actual places.

It is therefore desirable that any prospective entrant from overseas should apply as early as possible, preferably at least one year in advance and longer in the case of Oxford and Cambridge

I general, in the absence of exceptional circumstances (such as the lack of appropriate facilities for study in the applicant own country) the United Kingdom universities are t present unable to offer places for undergraduate study t students from overseas in preference to those from this country but this does not apply to the same extent to applications at the postgraduate level.

Shortage of space makes it impracticable to include detailed statement of each university entrance and faculty requirements in terms of the General Certificat of Education. It is considered, however that it will be helpful to overseas students to illustrate how the general principles outlined in the preceding paragraphs are applied in detail in the case of one university, by giving on page 65 summary of the detailed requirements of the University of London, which enrols more students from abroad than any ther United Kingdom university But it must be emphasized that the requirements of the University of London are not in all respects typical. So far as the other universities are concerned, the statement which follows gives information only about those aspects of admission which are most likely to affect the overseas student.

Further information about their admission requirements may be obtained on pplication to the individual universities (see pages 59–68) or in the case of the Universities of Manchester Liverpool, Leeds, Sheffield and Birmingham, to the Secretary the Joint Matriculation Board of the Northern Universities, 315 Oxford Road, Manchester 3 for the Scottish Universities candidates should write to the Secretary Scottish Universities Entrance Board, Westerlea, Kennedy Gardens, St. Andrews, Fife.

1 When certificate is in foreign language it should ordinarily be accompanied by certified English translation. Unless states clearly that it would admit the holder to university in his own country the certificate should be accompanied by letter to this effect from the Registrar of such university or by similar authenticated declaration by Government official or the local British Council Representative or by an official of an Embassy Legation or Consulate of the student's own country

Reference should be made to the pages indicated below for information relating to each university

JOINT MATRICULATION BOARD OF THE UNIVERSITIES

of

MANCHESTER, LIVERPOOL, LEEDS, SHEFFIELD AND BIRMINGHAM

Before admission to a degree course in one of the five universities, a student must satisfy both the requirements of the Board which are concerned with general education, and any special faculty requirements of the individual university concerned. Completion of both these requirements does not automatically give right of entry to a university. To be accepted by a university a student must apply direct to the Registrar of that university. The normal minimum age for admission is 17 years at Birmingham, Leeds, Liverpool and at Sheffield; at Manchester it is 16 years for men, 17 years for women.

Among the qualifications regarded as satisfying the Board's requirements are the following:

(i) A degree conferred by an approved university after examination.

(ii) the leaving certificate of the Department of Education, Republic of Ireland, provided that the candidate has passed with honours at one and the same examination in five subjects approved by the Board. Alternatively passes at one sitting in four approved subjects at the Ordinary level in the General Certificate of Education, together with an Honours pass in two approved subjects at one sitting in the Leaving Certificate Examination, provided that the six required subjects show passes in English Language, an approved language other than English, and Mathematics or an approved Science.

(iii) the Matriculation Certificate of an approved British university overseas.

(iv) A certificate of having passed at one and the same examination the Intermediate Examination of Arts, Science or Medicine of an approved university in India or Pakistan. (Candidates from Pakistan are required to apply to the Board through the High Commissioner for Pakistan, 35 Lowndes Square London, S.W.)

(v) the Matriculation Certificate of the Palestine Board of Higher Studies, or under certain conditions, the Israeli Secondary School Leaving Certificate. Certificates gained after 1st December 1947, must show that at one sitting the candidate has reached the credit standard in English, Syllabus A, and in four other subjects including at least one subject of each of Groups I, II and III of the Board's School Certificate Examination.

(vi) the Secondary Education Certificate Part II of the Egyptian Ministry of Education. On certificates issued in and after June 1952 a pass in the Special Part must be shown.

(vii) the *Baccalauréat* Certificate of Iraq provided that the candidate is recommended by the Iraqi Ministry of Education. A Certificate showing the passing of the Commerce Section is not acceptable if gained after st December 947

(viii) foreign examination certificate which entitles the candidate to enter upon degree course in all Faculties of recognized University of the country in which the certificate was issued if that country is not specified above.

The Board will exercise its discretionary powers of ccepting certificates of having passed other examinations of standard at least equal to those mentioned above.

BRISTOL

The normal minimum age for admission to first year courses is 7 years (Faculty of Arts, 7 years 9 months) Among the qualifications which will be regarded as satisfying the university entrance requirements are the following:

(i) degree awarded by an approved university

(ii) certificates qualifying for matriculation in any British university overseas, provided that faculty requirements are met.

(iii) evidence submitted to the Senate by candidates from overseas of having passed examinations equal to any of those qualifying for matriculation at Bristol, and, if necessary of ability to follow instruction given in English.

CAMBRIDGE

T become an undergraduate member of the university person must first be admitted as member either of college or of Fitzwilliam House (Non-Collegiate) No persons except research students and certain others may be matriculated who have not passed or been exempted from the Previous Examination (University Entrance Examination) There is no minimum age limit for admission to the university

(i) A certificate qualifying for admission to an approved university in British Dominion (for India and Pakistan, *see below* (iii)) or European country may be accepted for complete or partial exemption.

(ii) Natives of Asia or Africa, not being of European descent, may offer an approved Oriental or African language in place of Latin or Greek in the Previous Examination or in an examination exempting therefrom.

(iii) A candidate who has attained the 1st class in the Intermediate Examination in Arts or Science, or the st or 2nd class in the examination for B.A. or B.Sc. in an approved university of India or Pakistan is exempted from the Previous Examination, provided that in some examination leading up to the B.A. or B.Sc in that university he has passed in Arabic, Persian, Persian-with-Arabic, Sanskrit, Hindi-with-Sanskrit, Pali, Urdu-with-Persian, or Bengali-with-Sanskrit in Mathematics or Science and in English.

A candidate who has ttained the First Class in the Intermediate Examination held by the Board of High School and Intermediate Education, of the United Provinces of India, or by the Board of High School and Intermediate Education, Rajputana, Central India, and Gwalior or in the Intermediate Examination of the Board of Intermediate or Secondary Education, Dacca, is exempted if either in this examination or the High School Examination which leads up to i he has passed in classical language Mathematics, English and History or Geography

(iv) A candidate educated in the U.S.A. will be exempt if he has taken the following tests of the College Entrance Examination Board and has attained therein at one sitting standard approved by the Council of the Senate: the Scholastic Aptitude Test (Verbal and Mathematical Sections); Achievement Tests in English Composition, in Latin Reading or Greek Reading, and in

one of the following Latin Reading or Greek Reading (if not already offered) French Reading, German Reading, Italian Reading, Spanish Reading, Biology Chemistry Physics, Intermediate Mathematics, Advanced Mathematics.

(v) Holders of the Egyptian Government Secondary Education Certificate who are not of European descent are exempt from the whole Previous Examination.

(vi) The Council of the Senate have discretionary power to grant exemption on other qualifications.

DURHAM

Students must have been admitted to constituent or affiliated college before matriculating in the university. The university specifies no minimum age limit for admission, but t King' College, Newcastle upon Tyne, students for degrees are not normally admitted under the age of 8 years. The university will accept the following qualifications if they include any subjects required for entry on particular course and if the candidate presents sufficient evidence of proficiency in English degree of any university in the British Isles or of any other approved university; certificate awarded by any public examining body in Canada, Australia, S. Africa, New Zealand, the U.S.A. or any country in the Western Union, provided that the certificate qualifies for admission to an approved university in the country in which it was awarded the certificate of the Junior Associated Grade of the Council of Higher Education in Newfoundland; the Intermediate Examination of an approved university in India or Pakistan.

The following certificates will qualify to matriculate if the candidate submits sufficient evidence of proficiency in English, and any other subjects required for entry on particular course are included, except that Arabic (including Classical Arabic) and Hebrew (including Classical Hebrew) may be substituted for Latin or Classical Greek for the B.A. in General Studies or (by permission) for the B.A. with Honours Palestine Matriculation Certificate; Israeli Secondary School Leaving Certificate; Egyptian Secondary School Certificate, Part II Iraqi *Baccalaureat*.

HULL

The minimum age for admission is 7 years. Graduates of recognized universities are eligible for matriculation provided they satisfy the entry requirements of the course which they propose to take. The certificates of other applicants from outside the United Kingdom will be considered separately on their individual merits.

LONDON

Information about the acceptance of overseas certificates by the University of London is given on page 65 in the summary of the minimum entrance requirements for admission to the university.

NOTTINGHAM

The minimum age for admission is 17 years. Among the qualifications regarded as satisfying the university entrance requirements are the following

(i) degree conferred by an approved university after examination.

(ii) Leaving Certificate of the Department of Education, Republic of Ireland, provided that the holder passed with Honours at one and the same examination five subjects approved by the university and that certificates gained after 1st December 917 include passes in at least one of certain specified subjects.

(iii) the matriculation certificate of an approved British university overseas.

(iv) certificate of having passed at one and the same examination the Intermediate examination in Arts, Science or Medicine of an approved in India or Pakistan.

(vii) the *Baccalaureat* Certificate of Iraq provided that the candidate is recommended by the Iraqi Ministry of Education. A Certificate showing the passing of the Commerce Section is not acceptable if gained after st December 947

(viii) foreign examination certificate which entitles the candidate to enter upon degree course in all Faculties of recognized University of the country in which the certificate was issued if that country is not specified bove.

The Board will exercise its discretionary powers of accepting certificates of having passed other examinations of a standard at least equal to those mentioned above.

BRISTOL

The normal minimum age for admission to first year courses is 7 years (Faculty of Arts, 7 years 9 months) Among the qualifications which will be regarded as satisfying the university entrance requirements are the following

(i) degree awarded by an approved university

(ii) certificates qualifying for matriculation in any British university overseas, provided that faculty requirements are met.

(iii) evidence submitted to the Senate by candidates from overseas of having passed examinations equal to any of those qualifying for matriculation t Bristol, and, if necessary of ability to follow instruction given in English.

CAMBRIDGE

T become an undergraduate member of the university person must first be admitted as member either of college or of Fitzwilliam House (Non-Collegiate) No persons except research students and certain others may be matriculated who have not passed or been exempted from the Previous Examination (University Entrance Examination) There is no minimum age limit for admission to the university

(i) A certificate qualifying for admission to an approved university in British Dominion (for India and Pakistan, *see below* (iii)) or European country may be accepted for complete or partial exemption.

(ii) Natives of Asia or Africa, not being of European descent, may offer an approved Oriental or African language in place of Latin or Greek in the Previous Examination or in an examination exempting therefrom.

(iii) A candidate who has attained the 1st class in the Intermediate Examination in Arts or Science, or the st or 2nd class in the examination for B.A. or B.Sc. in an approved university of India or Pakistan is exempted from the Previous Examination, provided that in some examination leading up to the B.A. or B.Sc. in that university he has passed in Arabic, Persian, Persian-with-Arabic, Sanskrit, Hindu-with-Sanskrit, Pali, Urdu-with-Persian, or Bengali-with-Sanskrit; in Mathematics or Science; and in English.
A candidate who has attained the First Class in the Intermediate Examination held by the Board of High School and Intermediate Education, of the United Provinces of India, or by the Board of High School and Intermediate Education, Rajputana, Central India, and Gwalior or in the Intermediate Examination of the Board of Intermediate or Secondary Education, Dacca, is exempted if either in this examination or the High School Examination which leads up to it he has passed in classical language, Mathematics, English and History or Geography

(iv) A candidate educated in the U.S.A. will be exempt if he has taken the following tests of the College Entrance Examination Board and has attained therein at one sitting standard approved by the Council of the Senate: the Scholastic Aptitude Test (Verbal and Mathematical Sections); Achievement Tests in English Composition, in Latin Reading or Greek Reading, and in

(f) Ceylon Senior School Certificate (English) with credits in *inter alia* two languages other than English, of which Latin or Greek must be one;
(g) University of Malta Matriculation;
(h) University of Hong Kong Matriculation.

(iii) Exemption may be granted to any person who has obtained certificate or certificates qualifying him for admission to university in Austria, Belgium, Czechoslovakia, Denmark, Finland, France, Germany, Holland, Hungary Italy Norway Poland, Sweden, Switzerland, or Yugoslavia, or Certificate of Part I of the *Baccalauréat de l'Enseignement Secondaire* in France, provided it shows that he has satisfied the examiners in either Latin or Greek.

Students in Asia or parts of Africa not being of European or American parentage can apply for permission to offer substitute for Latin or Greek in Responsions, *or in certain certificates exempting from Responsions.*

READING

The minimum age for admission is 7 years. Among the qualifications regarded as satisfying the university entrance requirements are (i) degree of an approved university (ii) other certificates awarded after approved examinations.

SOUTHAMPTON

The minimum age for admission is 7 years. Among the qualifications regarded as satisfying the university entrance requirements are (i) degree of an approved university (ii) in the case of candidates educated outside the United Kingdom, evidence of having passed approved examinations and an ability to follow instruction in English.

WALES

The minimum age for admission is 7 years. Students must have been admitted to constituent college, associated theological college, or recognized technological institution, before matriculating in the university

The University will accept the matriculation examination of Canada, Australia, New Zealand or South Africa which is listed in the Commonwealth Universities yearbook. The following examinations are also recognized

The degree of an approved university or college the matriculation examination of an approved university in Belgium or Holland, the Intermediate Examination in Arts or Science of an approved University of India or Pakistan, or of the University of Malta, Hong Kong or Ceylon, or the examination for the French *Baccalauréat* or the Iraq *Baccalauréat*, together with certificate of fitness from the Iraq Ministry of Education, if certified in each case by constituent college of the University of Wales to possess sufficient knowledge of English.

The matriculation examination of the Swiss universities, the Royal Norwegian Ministry of Church and Education, the Palestine Board of Higher Studies, the Entrance Examination of the University of Iceland, the Secondary Education Certificate Examination, Part II, of the Egyptian Ministry of Education (with pass in Special Part) provided in each case that the candidate passes in the subjects required.

UNIVERSITY COLLEGE OF NORTH STAFFORDSHIRE

The normal minimum age for admission is 7 years. The following are eligible for matriculation

(i) graduates of approved universities.

(ii) holders of approved academic certificates or other satisfactory proof of academic attainment.

SCOTTISH UNIVERSITIES

There is no minimum age limit for admission. Applicants for admission to a degree course at any Scottish university must obtain the Certificate of Attestation which is issued by the Scottish Universities Entrance Board before applying to the Secretary of university

Among the qualifications for the Certificate which will be regarded as satisfying the Board's requirements are the following

(i) An approved degree (other than honorary) of recognized overseas university

(ii) Passes at 50 per cent. or better shown in certificate qualifying the applicant for entry to degree course in Arts, Pure Science or Medicine at recognized university of the Republic of Ireland, Canada, Australasia or of the Union of South Africa, if they are subjects recognized by the Board, will count ( ) as passes at Ordinary level if the holder completes his qualifications by means of the General Certificate of Education, or (2) as passes on the Lower standard if he completes by the Entrance Board's Preliminary Examination.

Alternatively certificate signed by the Registrar of a recognized university in these countries, stating that the applicant has completed satisfactorily the first two years of course leading to degree in Arts, Pure Science or Medicine, and has duly passed in all the subjects of his course up to that point, will qualify for the Certificate of Attestation.

(iii) Evidence of the satisfactory completion of the second year of course leading to degree in Arts, Pure Science or of the pre-Medical Course of University or College in the U.S.A. (other than Junior College) appearing in the current list published by the American National Committee of Regional Accrediting Agencies, if the applicant's record shows grades averaging not below B in such of the following subjects as have been included in the first two years of his academic course English, Foreign Languages, Mathematics (Pure and Applied) Science, History Geography Art and Music.

(iv) A School Leaving Matriculation or University Entrance Certificate awarded in any one of the following countries Norway Sweden, Denmark, Iceland, Holland, Belgium, France Luxembourg, Switzerland, Western Germany and Italy and probably Spain, Portugal and Finland; provided (1) that the certificate qualifies unconditionally for entrance to course leading to degree in Arts, Pure Science or Medicine in a recognized university of the country concerned and ( ) that certain standards are reached in specified subjects.

The candidate must also produce evidence of high standard of written and spoken English shown either in the certificate itself or in some other examination specified by the Board.

BELFAST

The minimum age for admission is 7 years. Among the qualifications regarded as satisfying the university' entrance requirements are

( ) degree of an Irish university

(ii) evidence of having passed the Michaelmas Junior Freshman term examination of Trinity College, Dublin, provided that if candidates have not passed in all subjects required by the University for matriculation in their respective faculties, they shall be required to pass in the additional subjects at one and the same matriculation examination.

(iii) the matriculation certificate of the National University of Ireland (with the same proviso as in ( ) above)

(iv) the School Leaving Certificate of the Department of Education of the Republic of Ireland, provided that in addition to passing candidates have at

the same examination obtained 'Honours' in three subjects recognized by the university for matriculation. If they have not obtained 'Honours' in three such subjects they can only be admitted as matriculated students upon passing *at one and the same matriculation examination as many subjects as are necessary to make good the deficiency in 'Honours'.*

Commonwealth and foreign students receive special consideration provided full details of education and relative certificates are submitted, as soon as possible after January for the subsequent academic year. All communications should be addressed to the Clerk of Admissions.

UNIVERSITY OF LONDON ENTRANCE REQUIREMENTS

Until further notice, the normal method of satisfying minimum entrance requirements will be through the General Certificate of Education awarded by one or more of the approved Examining Bodies. The Certificate must comply with one or other of the two Schemes A and B.

Scheme A. The candidate must have obtained passes (not necessarily on the same occasion) in (a) English Language, (b) a language other than English, (c) either Mathematics or an approved science subject, and three other subjects, provided that (i) at least two of the subjects are passed at the Advanced level; (ii) the subjects are chosen from the approved list.

Scheme B. The candidate must have obtained passes in (a) English Language, (b) a language other than English, (c) either Mathematics or an approved science subject, and in two other subjects, *provided that* (i) at least three subjects are passed on the same occasion, of which at least two must be at Advanced level; (ii) the subjects are chosen from the approved list.

The approved list of subjects is as follows: 1. English Language (Ordinary level); 2. English Literature (Ordinary, Advanced levels); 3. Geography (Ordinary, Advanced); 4. History (Ordinary, Advanced); 5. Ancient History (Ordinary, Advanced); 6. English Economic History (Ordinary, Advanced); 7. British Constitution (Ordinary, Advanced); 8. Economics (Ordinary, Advanced); 9. Logic (Ordinary); 10. Religious Knowledge (Ordinary, Advanced); 11. Greek Literature in Translation (Ordinary); 12. Latin (Ordinary, Advanced); 13. Greek (Ordinary, Advanced); 14. Classical Hebrew (Ordinary, Advanced); 15. Modern Hebrew (Ordinary, Advanced); 16. French (Ordinary); 17. German (Ordinary, Advanced); 18. Spanish (Ordinary, Advanced); 19. Italian (Ordinary, Advanced); 20. Russian (Ordinary, Advanced); 21. Any other approved language (Ordinary, Advanced); 22. Pure Mathematics (Ordinary, Advanced); 23. Applied Mathematics (Ordinary, Advanced); 24. Mathematics (Pure and Applied) (Advanced); 25. Physics (Ordinary, Advanced); 26. Chemistry (Ordinary, Advanced); 27. Physics-with-Chemistry (Ordinary); 28. Geology (Ordinary, Advanced); 29. Geometrical and Mechanical Drawing (Ordinary); 30. Engineering Drawing (Advanced); 31. Elementary Surveying (Ordinary); 32. General Science (Ordinary); 33. Additional General Science (Ordinary); 34. Botany (Ordinary, Advanced); 35. Zoology (Advanced); 36. Biology (Ordinary, Advanced); 37. Rural Biology (Ordinary); 38. Music (Ordinary, Advanced); 39. Art (Ordinary, Advanced); 40. Handicraft (Ordinary, Advanced); 41. Domestic Subjects (Ordinary, Advanced).

The approved science subjects for Scheme A and Scheme B will be as follows: Physics, Chemistry, Physics-with-Chemistry, Geology, General Science, Additional General Science, Botany, Zoology, Biology, Rural Biology.

The selection of subjects under Scheme A or Scheme B will be subject to certain limitations.

No subject shall be counted at both Ordinary and Advanced levels. Not more than one of the subjects 39, 40 and 41 shall be counted at Advanced level.

1. In and after 1954 Ordinary level passes in Latin, Greek, French, German and other modern foreign languages will not be accepted unless the syllabus provides for compulsory translation from English into the language.

Under Section (I) of Scheme B the three subjects passed at one and the same examination must not all be chosen from any one of the following groups: subjects 4–5, subjects 2, subjects 22–3 subjects 34–37 subjects 38–41

A General Certificate (or Certificates) of Education will be accepted for the purpose of satisfying minimum entrance requirements if this fulfils the above conditions and provided that the University is satisfied that there is subject for subject equivalence with the subjects listed above.

The General Certificates of Education awarded by Durham, Joint Matriculation Board, Welsh Joint Education Committee, and Bristol, accepted by those authorities as satisfying their minimum entrance requirements will also be accepted by London.

In addition certain faculty requirements may have to be satisfied before registration as an Internal or an External Student can be effected. At present these are as follows

Arts. Applicants for admission must have passed in two languages other than English at Ordinary or Advanced level; one, at least, of the two languages must be Classical language.

Laws. No specific faculty requirements are laid down, but candidates for the LL.B. Degree are advised to offer English History as one of their subjects.

Music. Applicants for admission must have passed at Ordinary or Advanced level in modern foreign language.

Medicine. Applicants for admission must have passed in Physics and Chemistry (as separate subjects) at Ordinary or Advanced level.

Science and Engineering. Applicants for admission must have passed in Mathematics at Ordinary or Advanced level.

Theology and Economics. No additional faculty requirements are laid down.

It should be noted that it is not possible for student to matriculate unless and until he registers as an Internal Student or as an External Student. A matriculant must be over 7 years of age. The procedure will be that the holder of General Certificate of Education will submit it to the University for decision whether or not it satisfies minimum entrance requirements. If it does, he will be so informed and at the same time will be told that he may apply for registration as an Internal or an External Student. It is only on the completion of such registration that he will be matriculated. The registration fee of three guineas will be exacted at the time of registration as an Internal or External student.

Special Provisions

1 Credits obtained in 949 or 950 at School Certificate Examination or Main subject passes at Higher School Certificate Examination, will be accepted as passes at Ordinary level and Advanced level respectively. Higher School Certificate Subsidiary Subject passes will count as Ordinary level passes.

2. Candidates who gained a School Certificate in or before 950 and who pass in three Advanced level subjects not later than 954 will satisfy minimum entrance requirements.

3. Candidates who hold School Certificate and Higher School Certificate awarded by an approved examining body gained before 30th April, 95 will be deemed to have satisfied minimum entrance requirements.

4. A candidate who was awarded School Certificate or Higher School Certificate by one of the approved examining bodies may count Credits as Ordinary level passes, Subsidiary passes as Ordinary level passes, and Principal passes as Advanced level passes.

5. A pass in subject entered on Certificate gained in one of the following examinations will be regarded as equivalent to pass t Ordinary level in the corresponding subject at the General Certificate of Education examination Oxford *Responsions*; Cambridge Previous Examination Preliminary Examination

of the Scottish Universities Entrance Board; Senior Leaving Certificate Examination of the Scottish Education Department; *Senior Certificate Examination of the Ministry of Education, Northern Ireland; Belfast Matriculation Examination

Passing-out Examination of the Royal Naval College, Dartmouth; Matriculation Examination of the University of Wales; Matriculation Examination of the National University of Ireland; Leaving Certificate of the Department of Education, Republic of Ireland; Adelaide Leaving Certificate; New South Wales Leaving Certificate; Queensland Senior Public Examination; Matriculation Examination of the University of Sydney; Tasmania Public Leaving Certificate; Western Australia School Leaving Certificate; University of New Zealand Entrance Examination; New Zealand Department of Education School Certificate; Matriculation Examination of the South African Joint Matriculation Board; National Senior Certificate (Matriculation Equivalent) of the Union of South Africa; Secondary School Senior Certificate of the Department of Public Education, Cape of Good Hope; *Transvaal Secondary School Certificate; *Orange Free State School Leaving Certificate; Ontario Upper School Certificate; British Columbia Senior Matriculation Examination; *Ceylon Government Senior School Certificate (English) and General Certificate of Education (English Medium); Matriculation Examination of the University of Hong Kong; Cyprus Certificate Examination.

Candidates holding any of these certificates may satisfy minimum entrance requirements by passing the General Certificate of Education examination in additional subjects at Advanced level, together with such Ordinary level subjects as may still be required to satisfy the conditions of Scheme A or Scheme B.

6. A candidate may satisfy minimum entrance requirements if he has attained the age of 20 and has passed in five subjects at the examination for the General Certificate of Education, of which at least three must be at the Advanced level and must be passed on the same occasion and one of the five subjects must be English Language. The three subjects at Advanced level must be passed after attaining the age of 20.

7. A candidate who has attained the age of 23 and thereafter passes in three subjects at Advanced level at the General Certificate of Education may be interviewed by Board for the purpose of assessing his qualifications in general education and in regard to the degree or diploma for which he proposes to study. The Board may recommend that the candidate be considered to have satisfied minimum entrance requirements or may require him to present himself for examination in additional subjects if thought desirable.

8. A candidate whose native language not English, and who is not native of Great Britain, Northern Ireland, or the Republic of Ireland, may satisfy minimum entrance requirements (i) by presenting an acceptable Matriculation Certificate of Commonwealth or foreign university and (ii) by passing in English at the University Entrance Examination and two subjects at Advanced level at the General Certificate of Education Examination.

Particulars of the University Entrance Examination in English and copy of the syllabus may be obtained from the Secretary of the University Entrance and School Examinations Council, University of London, Senate House, London, W.C.

9. A person who holds full practising professional qualification obtained by examination may apply to the Secretary to the University Entrance and School Examinations Council (address as above) for his qualification to be considered as satisfying minimum entrance requirements.

10. Students who have passed all the examinations for degree of universities approved by the Senate will be considered to have satisfied minimum entrance requirements. *The following overseas universities have been approved for this purpose:* in Canada—Acadia, Alberta, Bishop College, British Columbia,

In examinations marked with an asterisk the standard acceptable for matriculation is subject to special conditions.

Carleton College, Dalhousie, King's, Laval, McGill, McMaster Ma Montreal, Mount Allison, Ottawa, New Brunswick, Nova Scotia, T College, Queen's, Saskatchewan, St. Francis Xavier Sir George Williams Toronto, Victoria (Toronto), Western Ontario Australasia—Adelaide bourne, New South Wales University of Technology Queensland, Tasmania, Western Australia, New Zealand; South Africa—Cape, Cape Orange Free State, Natal, Pretoria, Potchefstroom, Rhodes, South Stellenbosch, Witwatersrand; India—Agra, Aligarh, Allahabad, A Annamalai, Banaras, Baroda, Bombay Calcutta, Delhi, Gauhati, Gujarat, and Kashmir Karnatak, Lucknow Madras, Mysore, Nagpur Osmania, Panjab (India) Poona, Rajputana, Saugar, Travancore, Utkal, Visva-B Pakistan—Dacca, Panjab, Peshawar Sind, Ceylon; Hong Kong; M Malta; certain Universities in countries outside the British Commonwealth

The information in this Appendix [illegible] mainly drawn from the Commonwealth *Universities Yearbook* published by the Association of Universities of the British Commonwealth, 5 Gordon Square, [illegible] W.C.1.; price 3 guineas, postage and packing 1s. 6d. extra.